FINAL TERMS DATED AS OF 21 NOVEMBER 2022

BNP Paribas Issuance B.V.

(incorporated in The Netherlands)
(as Issuer)

Legal entity identifier (LEI): 7245009UXRIGIRYOBR48

BNP Paribas

(incorporated in France) (as Guarantor)

Legal entity identifier (LEI): R0MUWSFPU8MPRO8K5P83

(Note, Warrant and Certificate Programme)

"Mini Future" Certificates relating to a Share

SSPA product type: Mini-Future (2210)

BNP Paribas Arbitrage S.N.C.

(as Manager)

PART A - CONTRACTUAL TERMS

Terms used herein shall be deemed to be defined as such for the purposes of the Conditions set forth in the Base Prospectus dated 23 September 2022, each Supplement to the Base Prospectus published and approved on or before the date of these Final Terms (copies of which are available as described below) and any other Supplement to the Base Prospectus which may have been published and approved before the issue of any additional amount of Securities (the "Supplements") (provided that to the extent any such Supplement (i) is published and approved after the date of these Final Terms and (ii) provide for any change to the Conditions of the Securities such changes shall have no effect with respect to the Conditions of the Securities to which these Final Terms relate) (the Base Prospectus and the Supplements, together the "Base Prospectus").

The Base Prospectus has been approved by SIX Exchange Regulation AG ("SIX Exchange Regulation") in its capacity as Swiss Prospectus Office (the "Swiss Prospectus Office") as of 23 September 2022 and constitutes a base prospectus pursuant to article 45 of the Swiss Financial Services Act ("FinSA").

This document constitutes the Final Terms of the Securities described herein and must be read in conjunction with such Base Prospectus.

For the purpose of public offering in Switzerland and/or the admission to trading on SIX Swiss Exchange, these Final Terms will be or have been registered with the Swiss Prospectus Office and are or will be published pursuant to FinSA prior to the public offering of the Securities in Switzerland or the admission to trading of the Securities on SIX Swiss Exchange and the Base Prospectus and these Final Terms together will constitute the prospectus pursuant to FinSA.

Full information on BNP Paribas Issuance B.V. (the "Issuer"), BNP Paribas (the "Guarantor") and the offer of the Securities is only available on the basis of the combination of these Final Terms and the Base Prospectus. The Base Prospectus, any Supplement(s) to the Base Prospectus and these Final Terms are available free of charge during normal business hours from Principal Security Agent. Written or oral requests for such documents should be directed to the Principal Security Agent at its principal office set out at the end of the Base Prospectus or may be obtained by telephone (+41 58 212 6394) or fax (+41 58 212 6360). In addition, copies of any documents incorporated by reference will be made available, along with this Base Prospectus, for viewing on the website of BNPP at the following address www.bnpparibasmarkets.ch or any other website specified in the applicable Final Terms.

References herein to numbered Conditions are to the terms and conditions of the relevant series of Securities and words and expressions defined in such terms and conditions shall bear the same meaning in these Final Terms in so far as they relate to such series of Securities, save as where otherwise expressly provided.

These Final Terms relate to the series of Securities as set out in "Specific Provisions for each Series" below. References herein to "Securities" shall be deemed to be references to the relevant Securities that are the subject of these Final Terms and references to "Security" shall be construed accordingly.

The Securities issued pursuant to these Final Terms may be considered structured products in Switzerland pursuant to article 70 FinSA and do not constitute collective investment schemes in the meaning of the Swiss Federal Act on Collective Investment Schemes ("CISA"). Accordingly, holders of the Securities do not benefit from protection under the CISA or supervision by the Swiss Financial Market Supervisory Authority ("FINMA"). Further, investors are exposed to the Issuer's and the Guarantor's insolvency risk.

The Securities may be offered, sold or advertised, directly or indirectly, in Switzerland to retail clients (*Privatkundinnen und - kunden*) within the meaning of FinSA ("**Retail Clients**") in accordance with FinSA.

SPECIFIC PROVISIONS FOR EACH SERIES

Series Number / ISIN Code	No. of Securitie s issued	No. of Securitie s	Issue Price per Security	Call / Put	Exercise Price	Capitalised Exercise Price Rounding Rule	Security Threshold on the Commence ment Date	Security Threshold Rounding Rule	Minimum Security Percentage	Maximum Security Percentage	Security Percentag e on the Commenc ement Date	Dividend Percentag e	Interbank Rate 1 Screen Page	Minimum Financing Rate Percentage	Maximum Financing Rate Percentage	Financing Rate Percentag e on the Commenc ement Date	Redemption Date	Parity	SPECIFIED SECURITIE S PURSUANT TO SECTION 871(m)
CH1232642 574	10,000,0	10,000,0	CHF 2.88	Put	USD 157.8947	Downwards to the next 4 digits (0.0001 points)	USD 150.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	-4.50%	Open End	10	No
CH1232642 582	10,000,0	10,000,0	CHF 7.57	Put	EUR 652.6316	Downwards to the next 4 digits (0.0001 points)	EUR 620.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	-4.50%	Open End	10	No
CH1232642 590	10,000,0	10,000,0 00	CHF 3.09	Call	EUR 96.1538	Upwards to the next 4 digits (0.0001 points)	EUR 100.00	Upwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232642 608	10,000,0 00	10,000,0 00	CHF 1.20	Call	EUR 115.3846	Upwards to the next 4 digits (0.0001 points)	EUR 120.00	Upwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232642 616	10,000,0 00	10,000,0 00	CHF 3.14	Call	EUR 173.0769	Upwards to the next 4 digits (0.0001 points)	EUR 180.00	Upwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232642 624	10,000,0 00	10,000,0 00	CHF 0.98	Put	USD 109.4737	Downwards to the next 4 digits (0.0001 points)	USD 104.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	-4.50%	Open End	10	No
CH1232642 632	10,000,0	10,000,0 00	CHF 2.97	Put	USD 315.7895	Downwards to the next 4 digits (0.0001 points)	USD 300.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	-4.50%	Open End	10	No

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CH1232642 640	10,000,0	10,000,0	CHF 4.97	Put	USD 336.8421	Downwards to the next 4 digits (0.0001 points)	USD 320.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	-4.50%	Open End	10	No
CH1232642 657	10,000,0	10,000,0	CHF 0.20	Put	EUR 12.6316	Downwards to the next 4 digits (0.0001 points)	EUR 12.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	-4.50%	Open End	10	No
CH1232642 665	10,000,0	10,000,0	CHF 0.44	Call	EUR 22.7273	Upwards to the next 4 digits (0.0001 points)	EUR 25.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232642 673	10,000,0	10,000,0	CHF 0.61	Put	EUR 33.3333	Downwards to the next 4 digits (0.0001 points)	EUR 30.00	Downwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	EURIBOR1 MD=	0%	8%	-4.50%	Open End	10	No
CH1232642 681	10,000,0	10,000,0	CHF 0.43	Call	GBp 2,095.2381	Upwards to the next 4 digits (0.0001 points)	GBp 2,200.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SONIAOSR =	0%	8%	+4.50%	Open End	10	No
CH1232642 699	10,000,0	10,000,0	CHF 0.48	Put	GBp 526.3158	Downwards to the next 4 digits (0.0001 points)	GBp 500.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SONIAOSR =	0%	8%	-4.50%	Open End	1	No
CH1232642 707	10,000,0	10,000,0	CHF 0.10	Call	CHF 74.7664	Upwards to the next 4 digits (0.0001 points)	CHF 80.00	Upwards to the next 2 digits (0.01 points)	0%	20%	7%	100%	SARON.S	0%	8%	+4.50%	Open End	100	No
CH1232642 715	10,000,0	10,000,0	CHF 0.12	Put	CHF 96.7742	Downwards to the next 4 digits	CHF 90.00	Downwards to the next 2 digits (0.01	0%	20%	7%	100%	SARON.S	0%	8%	-4.50%	Open End	100	No

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						(0.0001 points)		points)											
CH1232642 723	10,000,0 00	10,000,0 00	CHF 0.47	Call	USD 32.5581	Upwards to the next 4 digits (0.0001 points)	USD 35.00	Upwards to the next 2 digits (0.01 points)	0%	20%	7.50%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232642 731	10,000,0 00	10,000,0 00	CHF 1.71	Put	CHF 2,105.2632	Downwards to the next 4 digits (0.0001 points)	CHF 2,000.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	-4.50%	Open End	100	No
CH1232642 749	10,000,0 00	10,000,0 00	CHF 0.61	Call	EUR 43.2692	Upwards to the next 4 digits (0.0001 points)	EUR 45.00	Upwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232642 756	10,000,0 00	10,000,0 00	CHF 0.44	Call	CHF 42.8571	Upwards to the next 4 digits (0.0001 points)	CHF 45.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	+4.50%	Open End	10	No
CH1232642 764	10,000,0 00	10,000,0 00	CHF 0.55	Call	EUR 48.0769	Upwards to the next 4 digits (0.0001 points)	EUR 50.00	Upwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232642 772	10,000,0 00	10,000,0 00	CHF 2.15	Call	USD 285.7143	Upwards to the next 4 digits (0.0001 points)	USD 300.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232642 780	10,000,0 00	10,000,0 00	CHF 1.86	Call	USD 145.4545	Upwards to the next 4 digits (0.0001 points)	USD 160.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	No

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CH1232642 798	10,000,0 00	10,000,0 00	CHF 2.01	Call	USD 152.3810	Upwards to the next 4 digits (0.0001 points)	USD 160.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232642 806	10,000,0 00	10,000,0 00	CHF 2.11	Call	USD 1,727.2727	Upwards to the next 4 digits (0.0001 points)	USD 1,900.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+4.50%	Open End	100	Yes
CH1232642 814		10,000,0 00	CHF 0.59	Call	PLN 121.7391	Upwards to the next 4 digits (0.0001 points)	PLN 140.00	Upwards to the next 2 digits (0.01 points)	0%	20%	15%	100%	WIPLN1MD =	0%	8%	+4.50%	Open End	10	No
CH1232642 822	10,000,0	10,000,0 00	CHF 2.06	Call	USD 7.5000	Upwards to the next 4 digits (0.0001 points)	USD 9.00	Upwards to the next 2 digits (0.01 points)	0%	20%	20%	100%	USDSOFR=	0%	8%	+4.50%	Open End	1	No
CH1232642 830	10,000,0	10,000,0 00	CHF 0.27	Put	EUR 18.9474	Downwards to the next 4 digits (0.0001 points)	EUR 18.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	-4.50%	Open End	10	No
CH1232642 848		10,000,0 00	CHF 3.74	Call	USD 190.4762	Upwards to the next 4 digits (0.0001 points)	USD 200.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232642 855		10,000,0 00	CHF 0.83	Call	USD 38.0952	Upwards to the next 4 digits (0.0001 points)	USD 40.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232642 863	10,000,0	10,000,0 00	CHF 0.33	Call	EUR 33.3333	Upwards to the next 4 digits	EUR 35.00	Upwards to the next 2 digits (0.01	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No

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						(0.0001 points)		points)											
CH1232642 871	10,000,0 00	10,000,0 00	CHF 0.84	Call	EUR 47.6190	Upwards to the next 4 digits (0.0001 points)	EUR 50.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232642 889	10,000,0 00	10,000,0 00	CHF 0.63	Put	EUR 42.1053	Downwards to the next 4 digits (0.0001 points)	EUR 40.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	-4.50%	Open End	10	No
CH1232642 897	10,000,0 00	10,000,0 00	CHF 0.68	Call	EUR 38.0952	Upwards to the next 4 digits (0.0001 points)	EUR 40.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232642 905	10,000,0 00	10,000,0 00	CHF 1.65	Put	EUR 20.8333	Downwards to the next 4 digits (0.0001 points)	EUR 20.00	Downwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	-4.50%	Open End	1	No
CH1232642 913	10,000,0 00	10,000,0 00	CHF 1.41	Call	EUR 7.6923	Upwards to the next 4 digits (0.0001 points)	EUR 8.00	Upwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	1	No
CH1232642 921	10,000,0 00	10,000,0 00	CHF 0.56	Call	CHF 619.0476	Upwards to the next 4 digits (0.0001 points)	CHF 650.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	+4.50%	Open End	100	No
CH1232642 939	10,000,0 00	10,000,0 00	CHF 0.21	Put	EUR 18.7500	Downwards to the next 4 digits (0.0001 points)	EUR 18.00	Downwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	-4.50%	Open End	10	No

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CH1232642 947	10,000,0 00	10,000,0 00	CHF 0.81	Call	USD 37.2093	Upwards to the next 4 digits (0.0001 points)	USD 40.00	Upwards to the next 2 digits (0.01 points)	0%	20%	7.50%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232642 954	10,000,0 00	10,000,0 00	CHF 0.24	Put	EUR 16.8421	Downwards to the next 4 digits (0.0001 points)	EUR 16.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	-4.50%	Open End	10	No
CH1232642 962	10,000,0 00	10,000,0 00	CHF 0.84	Call	EUR 28.5714	Upwards to the next 4 digits (0.0001 points)	EUR 30.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232642 970	10,000,0 00	10,000,0 00	CHF 0.22	Put	EUR 31.5789	Downwards to the next 4 digits (0.0001 points)	EUR 30.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	-4.50%	Open End	10	No
CH1232642 988	10,000,0 00	10,000,0 00	CHF 0.70	Call	USD 31.8182	Upwards to the next 4 digits (0.0001 points)	USD 35.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232642 996	10,000,0 00	10,000,0 00	CHF 0.44	Call	USD 34.5455	Upwards to the next 4 digits (0.0001 points)	USD 38.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232643 002	10,000,0 00	10,000,0	CHF 0.74	Put	GBp 578.9474	Downwards to the next 4 digits (0.0001 points)	GBp 550.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SONIAOSR =	0%	8%	-4.50%	Open End	1	No
CH1232643 010	10,000,0	10,000,0	CHF 1.34	Put	GBp 631.5789	Downwards to the next 4 digits	GBp 600.00	Downwards to the next 2 digits (0.01	0%	20%	5%	100%	SONIAOSR =	0%	8%	-4.50%	Open End	1	No

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						(0.0001 points)		points)											
CH1232643 028	10,000,0	10,000,0 00	CHF 4.63	Call	USD 333.3333	Upwards to the next 4 digits (0.0001 points)	USD 350.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232643 036	10,000,0	10,000,0 00	CHF 0.36	Call	EUR 47.6190	Upwards to the next 4 digits (0.0001 points)	EUR 50.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232643 044	10,000,0 00	10,000,0 00	CHF 0.54	Call	EUR 18.6047	Upwards to the next 4 digits (0.0001 points)	EUR 20.00	Upwards to the next 2 digits (0.01 points)	0%	20%	7.50%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232643 051	10,000,0	10,000,0 00	CHF 1.21	Call	USD 133.3333	Upwards to the next 4 digits (0.0001 points)	USD 140.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232643 069	10,000,0 00	10,000,0 00	CHF 1.12	Put	USD 157.8947	Downwards to the next 4 digits (0.0001 points)	USD 150.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	-4.50%	Open End	10	No
CH1232643 077	10,000,0	10,000,0 00	CHF 3.53	Call	EUR 28.8462	Upwards to the next 4 digits (0.0001 points)	EUR 30.00	Upwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	1	No
CH1232643 085	10,000,0	10,000,0 00	CHF 0.91	Call	USD 123.8095	Upwards to the next 4 digits (0.0001 points)	USD 130.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes

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CH1232643 093	10,000,0	10,000,0 00	CHF 3.38	Put	USD 210.5263	Downwards to the next 4 digits (0.0001 points)	USD 200.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	-4.50%	Open End	10	No
CH1232643 101	10,000,0	10,000,0 00	CHF 0.53	Call	CHF 47.6190	Upwards to the next 4 digits (0.0001 points)	CHF 50.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	+4.50%	Open End	10	No
CH1232643 119	10,000,0	10,000,0 00	CHF 1.73	Call	CHF 209.5238	Upwards to the next 4 digits (0.0001 points)	CHF 220.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	+4.50%	Open End	10	No
CH1232643 127	10,000,0	10,000,0 00	CHF 2.52	Call	EUR 323.8095	Upwards to the next 4 digits (0.0001 points)	EUR 340.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232643 135	10,000,0	10,000,0 00	CHF 0.92	Call	CHF 57.1429	Upwards to the next 4 digits (0.0001 points)	CHF 60.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	+4.50%	Open End	10	No
CH1232643 143	10,000,0	10,000,0 00	CHF 0.51	Call	EUR 6.7308	Upwards to the next 4 digits (0.0001 points)	EUR 7.00	Upwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	1	No
CH1232643 150	10,000,0	10,000,0 00	CHF 2.01	Put	USD 294.7368	Downwards to the next 4 digits (0.0001 points)	USD 280.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	-4.50%	Open End	10	No
CH1232643 168	10,000,0 00	10,000,0 00	CHF 0.15	Call	CHF 0.3818	Upwards to the next 4 digits	CHF 0.42	Upwards to the next 2 digits (0.01	0%	20%	10%	100%	SARON.S	0%	8%	+4.50%	Open End	0.50	No

Series Number / ISIN Code	No. of Securitie s issued	No. of Securitie s	Issue Price per Security	Call / Put	Exercise Price	Capitalised Exercise Price Rounding Rule	Security Threshold on the Commence ment Date	Security Threshold Rounding Rule	Minimum Security Percentage	Maximum Security Percentage	Security Percentag e on the Commenc ement Date	Dividend Percentag e	Interbank Rate 1 Screen Page	Minimum Financing Rate Percentage	Maximum Financing Rate Percentage	Financing Rate Percentag e on the Commenc ement Date	Redemption Date	Parity	SPECIFIED SECURITIE S PURSUANT TO SECTION 871(m)
						(0.0001 points)		points)											
CH1232643 176	10,000,0 00	10,000,0 00	CHF 2.78	Call	USD 154.5455	Upwards to the next 4 digits (0.0001 points)	USD 170.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232643 184	10,000,0 00	10,000,0 00	CHF 4.36	Call	EUR 250.0000	Upwards to the next 4 digits (0.0001 points)	EUR 260.00	Upwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232643 192	10,000,0 00	10,000,0 00	CHF 6.95	Put	EUR 364.5833	Downwards to the next 4 digits (0.0001 points)	EUR 350.00	Downwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	-4.50%	Open End	10	No
CH1232643 200	10,000,0 00	10,000,0 00	CHF 0.96	Call	USD 34.7826	Upwards to the next 4 digits (0.0001 points)	USD 40.00	Upwards to the next 2 digits (0.01 points)	0%	20%	15%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232643 218	10,000,0 00	10,000,0 00	CHF 0.88	Put	USD 54.1176	Downwards to the next 4 digits (0.0001 points)	USD 46.00	Downwards to the next 2 digits (0.01 points)	0%	20%	15%	100%	USDSOFR=	0%	8%	-4.50%	Open End	10	No
CH1232643 226	10,000,0 00	10,000,0 00	CHF 1.01	Call	USD 95.2381	Upwards to the next 4 digits (0.0001 points)	USD 100.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232643 234	10,000,0 00	10,000,0 00	CHF 0.20	Call	USD 14.5455	Upwards to the next 4 digits (0.0001 points)	USD 16.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	No

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CH1232643 242	10,000,0 00	10,000,0 00	CHF 0.46	Call	USD 1.4545	Upwards to the next 4 digits (0.0001 points)	USD 1.60	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+4.50%	Open End	1	No
CH1232643 259	10,000,0 00	10,000,0 00	CHF 0.37	Call	USD 1.5455	Upwards to the next 4 digits (0.0001 points)	USD 1.70	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+4.50%	Open End	1	No
CH1232643 267	10,000,0 00	10,000,0 00	CHF 1.34	Call	USD 65.4206	Upwards to the next 4 digits (0.0001 points)	USD 70.00	Upwards to the next 2 digits (0.01 points)	0%	20%	7%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232643 275	10,000,0	10,000,0 00	CHF 0.79	Call	CHF 818.1818	Upwards to the next 4 digits (0.0001 points)	CHF 900.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	SARON.S	0%	8%	+4.50%	Open End	200	No
CH1232643 283	10,000,0 00	10,000,0 00	CHF 0.98	Call	USD 76.1905	Upwards to the next 4 digits (0.0001 points)	USD 80.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232643 291	10,000,0	10,000,0	CHF 0.19	Put	EUR 15.5556	Downwards to the next 4 digits (0.0001 points)	EUR 14.00	Downwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	EURIBOR1 MD=	0%	8%	-4.50%	Open End	10	No
CH1232643 309	10,000,0	10,000,0	CHF 0.19	Call	USD 14.5455	Upwards to the next 4 digits (0.0001 points)	USD 16.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+6%	Open End	10	Yes
CH1232643 317	10,000,0	10,000,0	CHF 1.09	Call	EUR 96.1538	Upwards to the next 4 digits	EUR 100.00	Upwards to the next 2 digits (0.01	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No

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						(0.0001 points)		points)											
CH1232643 325	10,000,0 00	10,000,0 00	CHF 1.17	Call	USD 111.6279	Upwards to the next 4 digits (0.0001 points)	USD 120.00	Upwards to the next 2 digits (0.01 points)	0%	20%	7.50%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232643 333	10,000,0 00	10,000,0 00	CHF 1.41	Call	USD 590.9091	Upwards to the next 4 digits (0.0001 points)	USD 650.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+4.50%	Open End	100	Yes
CH1232643 341	10,000,0 00	10,000,0 00	CHF 0.68	Call	USD 25.4545	Upwards to the next 4 digits (0.0001 points)	USD 28.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+8%	Open End	10	Yes
CH1232643 358	10,000,0 00	10,000,0 00	CHF 2	Call	CHF 2,095.2381	Upwards to the next 4 digits (0.0001 points)	CHF 2,200.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	+4.50%	Open End	100	No
CH1232643 366	10,000,0 00	10,000,0 00	CHF 1.89	Call	EUR 95.2381	Upwards to the next 4 digits (0.0001 points)	EUR 100.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232643 374	10,000,0 00	10,000,0 00	CHF 2.54	Put	USD 177.7778	Downwards to the next 4 digits (0.0001 points)	USD 160.00	Downwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	-4.50%	Open End	10	No
CH1232643 382	10,000,0 00	10,000,0 00	CHF 0.83	Call	USD 318.1818	Upwards to the next 4 digits (0.0001 points)	USD 350.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+4.50%	Open End	100	Yes

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CH1232643 390	10,000,0	10,000,0 00	CHF 0.90	Put	USD 500.0000	Downwards to the next 4 digits (0.0001 points)	USD 450.00	Downwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	-4.50%	Open End	100	No
CH1232643 408	10,000,0	10,000,0 00	CHF 0.67	Call	EUR 37.7358	Upwards to the next 4 digits (0.0001 points)	EUR 40.00	Upwards to the next 2 digits (0.01 points)	0%	20%	6%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232643 416	10,000,0	10,000,0 00	CHF 0.80	Call	CHF 571.4286	Upwards to the next 4 digits (0.0001 points)	CHF 600.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	+4.50%	Open End	100	No
CH1232643 424	10,000,0	10,000,0 00	CHF 1.64	Call	EUR 115.3846	Upwards to the next 4 digits (0.0001 points)	EUR 120.00	Upwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232643 432	10,000,0	10,000,0 00	CHF 2.56	Call	USD 8.3333	Upwards to the next 4 digits (0.0001 points)	USD 10.00	Upwards to the next 2 digits (0.01 points)	0%	20%	20%	100%	USDSOFR=	0%	8%	+4.50%	Open End	1	Yes
CH1232643 440	10,000,0	10,000,0 00	CHF 2.05	Call	CHF 228.5714	Upwards to the next 4 digits (0.0001 points)	CHF 240.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	+4.50%	Open End	10	No
CH1232643 457	10,000,0	10,000,0	CHF 0.40	Call	CHF 28.5714	Upwards to the next 4 digits (0.0001 points)	CHF 30.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	+4.50%	Open End	10	No
CH1232643 465	10,000,0	10,000,0	CHF 1.12	Call	USD 85.7143	Upwards to the next 4 digits	USD 90.00	Upwards to the next 2 digits (0.01	0%	20%	5%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes

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						(0.0001 points)		points)											
CH1232643 473	10,000,0	10,000,0 00	CHF 1.82	Call	CHF 228.5714	Upwards to the next 4 digits (0.0001 points)	CHF 240.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	+4.50%	Open End	10	No
CH1232643 481	10,000,0	10,000,0 00	CHF 0.57	Call	USD 76.1905	Upwards to the next 4 digits (0.0001 points)	USD 80.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	No
CH1232643 499	10,000,0 00	10,000,0 00	CHF 0.14	Call	EUR 9.5238	Upwards to the next 4 digits (0.0001 points)	EUR 10.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232643 507	10,000,0	10,000,0 00	CHF 0.60	Call	CHF 333.3333	Upwards to the next 4 digits (0.0001 points)	CHF 350.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	+4.50%	Open End	100	No
CH1232643 515	10,000,0 00	10,000,0 00	CHF 1.41	Put	USD 200.0000	Downwards to the next 4 digits (0.0001 points)	USD 190.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	-8%	Open End	10	No
CH1232643 523	10,000,0	10,000,0 00	CHF 0.62	Call	USD 22.7273	Upwards to the next 4 digits (0.0001 points)	USD 25.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+6%	Open End	10	Yes
CH1232643 531	10,000,0	10,000,0 00	CHF 2.65	Put	EUR 15.7895	Downwards to the next 4 digits (0.0001 points)	EUR 15.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	-4.50%	Open End	1	No

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CH1232643 549	10,000,0	10,000,0 00	CHF 0.36	Call	EUR 42.8571	Upwards to the next 4 digits (0.0001 points)	EUR 45.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No
CH1232643 556	10,000,0	10,000,0 00	CHF 2.49	Call	CHF 238.0952	Upwards to the next 4 digits (0.0001 points)	CHF 250.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	+4.50%	Open End	10	No
CH1232643 564		10,000,0 00	CHF 0.24	Call	GBp 76.1905	Upwards to the next 4 digits (0.0001 points)	GBp 80.00	Upwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SONIAOSR =	0%	8%	+4.50%	Open End	1	No
CH1232643 572	10,000,0	10,000,0 00	CHF 0.21	Put	GBp 115.7895	Downwards to the next 4 digits (0.0001 points)	GBp 110.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SONIAOSR =	0%	8%	-4.50%	Open End	1	No
CH1232643 580	10,000,0	10,000,0 00	CHF 1.70	Call	USD 130.8411	Upwards to the next 4 digits (0.0001 points)	USD 140.00	Upwards to the next 2 digits (0.01 points)	0%	20%	7%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232643 598	10,000,0	10,000,0 00	CHF 1.31	Put	USD 105.2632	Downwards to the next 4 digits (0.0001 points)	USD 100.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	USDSOFR=	0%	8%	-4.50%	Open End	10	No
CH1232643 606	10,000,0	10,000,0 00	CHF 1.50	Call	GBp 467.2897	Upwards to the next 4 digits (0.0001 points)	GBp 500.00	Upwards to the next 2 digits (0.01 points)	0%	20%	7%	100%	SONIAOSR =	0%	8%	+4.50%	Open End	1	No
CH1232643 614	10,000,0	10,000,0 00	CHF 0.21	Call	EUR 28.5714	Upwards to the next 4 digits	EUR 30.00	Upwards to the next 2 digits (0.01	0%	20%	5%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	10	No

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						(0.0001 points)		points)											
CH1232643 622	10,000,0 00	10,000,0 00	CHF 0.98	Call	USD 72.7273	Upwards to the next 4 digits (0.0001 points)	USD 80.00	Upwards to the next 2 digits (0.01 points)	0%	20%	10%	100%	USDSOFR=	0%	8%	+4.50%	Open End	10	Yes
CH1232643 630	10,000,0 00	10,000,0 00	CHF 0.30	Put	CHF 30.5263	Downwards to the next 4 digits (0.0001 points)	CHF 29.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	-4.50%	Open End	10	No
CH1232643 648	10,000,0 00	10,000,0 00	CHF 4.21	Put	CHF 484.2105	Downwards to the next 4 digits (0.0001 points)	CHF 460.00	Downwards to the next 2 digits (0.01 points)	0%	20%	5%	100%	SARON.S	0%	8%	-4.50%	Open End	10	No
CH1232643 655	10,000,0 00	10,000,0 00	CHF 0.63	Call	EUR 4.8077	Upwards to the next 4 digits (0.0001 points)	EUR 5.00	Upwards to the next 2 digits (0.01 points)	0%	20%	4%	100%	EURIBOR1 MD=	0%	8%	+4.50%	Open End	1	No

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency		Reuters Code of Share	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settleme nt Currency
CH1232642574	12326425 7	Ordinary	3M Company	USD	US88579Y101 0	MMM.N		New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232642582	12326425 8	Ordinary	ASML Holding NV	EUR	NL001027321 5	ASML.AS	www.asml.com	Euronext Amsterdam	www.euronext.com	Zurich	CHF
CH1232642590	12326425 9	Ordinary	adidas AG	EUR	DE000A1EW WW0	ADSGn.DE	www.adidas-group.com		www.deutsche- boerse.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settleme nt Currency
CH1232642608	12326426 0	Ordinary	adidas AG	EUR	DE000A1EW WW0	ADSGn.DE	www.adidas-group.com	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232642616	12326426 1	Registered	Allianz SE	EUR	DE000840400 5	ALVG.DE	www.allianz.com	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232642624	12326426 2	Class C	Alphabet Inc	USD	US02079K107 9	GOOG.OQ	www.abc.xyz.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232642632	12326426 3	Ordinary	Amgen Inc	USD	US031162100 9	AMGN.OQ	www.amgen.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232642640	12326426 4	Ordinary	Amgen Inc	USD	US031162100 9	AMGN.OQ	www.amgen.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232642657	12326426 5	Ordinary	Atos SE	EUR	FR000005173 2	ATOS.PA	www.atos.net	Euronext Paris	www.euronext.com	Zurich	CHF
CH1232642665	12326426 6	Ordinary	AXA SA	EUR	FR000012062 8	AXAF.PA	www.axa.com	Euronext Paris	www.euronext.com	Zurich	CHF
CH1232642673	12326426 7	Ordinary	AXA SA	EUR	FR000012062 8	AXAF.PA	www.axa.com	Euronext Paris	www.euronext.com	Zurich	CHF
CH1232642681	12326426 8	Ordinary	BHP Group LTD	GBp	AU000000BH P4	BHPB.L	www.bhp.com	London Stock Exchange	www.londonstockexcha nge.com	Zurich	CHF
CH1232642699	12326426 9	Ordinary	BP plc	GBp	GB000798059 1	BP.L	www.bp.com	London Stock Exchange	www.londonstockexcha nge.com	Zurich	CHF
CH1232642707	12326427 0	Registered	Bachem Holding AG	CHF	CH117649372 9	BANB.S	www.bachem.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232642715	12326427 1	Registered	Bachem Holding AG	CHF	CH117649372 9	BANB.S	www.bachem.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232642723	12326427 2	Ordinary	Bank of America Corp	USD	US060505104 6	BAC.N	www.bankofamerica.co	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232642731	12326427 3	Registered	Barry Callebaut AG	CHF	CH000900296 2	BARN.S	www.barry- callebaut.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232642749	12326427 4	Ordinary	BASF SE	EUR	DE000BASF1 11	BASFn.DE	www.basf.com	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232642756	12326427 5	Registered	Basilea Pharmaceutica AG	CHF	CH001143244 7	BSLN.S	www.basilea.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232642764	12326427 6	Registered	Bayer AG	EUR	DE000BAY00 17	BAYGn.DE	www.bayer.de	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232642772	12326427 7	Class B	Berkshire Hathaway Inc B	USD	US084670702 6	BRKb.N	www.berkshirehathawa y.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settleme nt Currency
CH1232642780	12326427 8	ADR	BioNTech SE	USD	US09075V102 6	BNTX.OQ	www.biontech.de	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232642798	12326427 9	Ordinary	The Boeing Co	USD	US097023105 8	BA.N	www.boeing.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232642806	12326428 0	Ordinary	Booking Holdings Inc	USD	US09857L108 9	BKNG.OQ	www.bookingholdings.coom	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232642814	12326428 1	Ordinary	CD Projekt SA	PLN	PLOPTTC000 11	CDR.WA	www.cdprojekt.com	Warsaw Stock Exchange	www.gpw.pl	Zurich	CHF
CH1232642822	12326428 2	Ordinary	Carnival Corp	USD	PA143658300 6	CCL.N	www.carnivalcorp.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232642830	12326428 3	Ordinary	Carrefour SA	EUR	FR000012017 2	CARR.PA	www.carrefour.com	Euronext Paris	www.euronext.com	Zurich	CHF
CH1232642848	12326428 4	Ordinary	Caterpillar Inc	USD	US149123101 5	CAT.N	www.caterpillar.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232642855	12326428 5	Ordinary	Cisco Systems Inc	USD	US17275R102 3	CSCO.OQ	www.cisco.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232642863	12326428 6	Ordinary	Compugroup Medical SE & Co. KGaA	EUR	DE000A28890 4	COP1n.DE	www.cgm.com	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232642871	12326428 7	Ordinary	Continental AG	EUR	DE000543900 4	CONG.DE	www.continental.de	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232642889	12326428 8	Ordinary	Covestro AG	EUR	DE000606214	1COV.DE	www.covestro.de	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232642897	12326428 9	Ordinary	Delivery Hero SE	EUR	DE000A2E4K 43	DHER.DE	www.deliveryhero.com	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232642905	12326429 0	Registered	Deutsche Telekom AG	EUR	DE000555750 8	DTEGn.DE	www.telekom.com	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232642913	12326429 1	Ordinary	E.ON SE	EUR	DE000ENAG9 99	EONGn.DE	www.eon.com	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232642921	12326429 2	Registered	EMS-Chemie Holding AG	CHF	CH001644035	EMSN.S	www.ems-group.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232642939	12326429 3	Ordinary	Evotec SE	EUR	DE000566480 9	EVTG.DE	www.evotec.com	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232642947	12326429 4	Ordinary	eBay Inc	USD	US278642103 0	EBAY.OQ	www.ebay.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232642954	12326429 5	Ordinary	Engie SA	EUR	FR001020848 8	ENGIE.PA	www.engie.com	Euronext Paris	www.euronext.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settleme nt Currency
CH1232642962	12326429 6	Ordinary	Fielmann AG	EUR	DE000577220 6	FIEG.DE	www.fielmann.de	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232642970	12326429 7	Ordinary	Fresenius Medical Care AG & Co. KGaA	EUR	DE000578580 2	FMEG.DE	www.fmc-ag.de	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232642988	12326429 8	Ordinary	General Motors Co	USD	US37045V100 8	GM.N	www.gm.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232642996	12326429 9	Ordinary	General Motors Co	USD	US37045V100 8	GM.N	www.gm.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643002	12326430 0	Ordinary	Glencore plc	GBp	JE00B4T3BW 64	GLEN.L	www.glencore.com	London Stock Exchange	www.londonstockexcha nge.com	Zurich	CHF
CH1232643010	12326430 1	Ordinary	Glencore plc	GBp	JE00B4T3BW 64	GLEN.L	www.glencore.com	London Stock Exchange	www.londonstockexcha nge.com	Zurich	CHF
CH1232643028	12326430 2	Ordinary	The Goldman Sachs Group Inc	USD	US38141G104 0	GS.N	www.goldmansachs.co m	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643036	12326430 3	Ordinary	HeidelbergCem ent AG	EUR	DE000604700 4	HEIG.DE	www.heidelbergcement .de	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232643044	12326430 4	Ordinary	HelloFresh SE	EUR	DE000A16140 8	HFGG.DE	www.hellofresh.de	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232643051	12326430 5	Ordinary	IBM	USD	US459200101 4	IBM.N	www.ibm.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643069	12326430 6	Ordinary	IBM	USD	US459200101 4	IBM.N	www.ibm.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643077	12326430 7	Ordinary	Infineon Technologies AG	EUR	DE000623100 4	IFXGn.DE	www.infineon.de	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232643085	12326430 8	Ordinary	JPMorgan Chase & Co	USD	US46625H100 5	JPM.N	www.jpmorgan.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643093	12326430 9	Ordinary	Johnson & Johnson	USD	US478160104 6	JNJ.N	www.jnj.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643101	12326431 0	Registered	Julius Baer Group Ltd	CHF	CH010248496	BAER.S	www.juliusbaer.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232643119	12326431 1	Registered	Kuehne + Nagel International AG	CHF	CH002523886 3	KNIN.S	home.kuehne- nagel.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232643127	12326431 2	Ordinary	L'Oreal SA	EUR	FR000012032 1	OREP.PA	www.loreal.com	Euronext Paris	www.euronext.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settleme nt Currency
CH1232643135	12326431 3	Registered	Landis+Gyr Group AG	CHF	CH037115349 2	LANDI.S	www.landisgyr.eu	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232643143	12326431 4	Registered	Deutsche Lufthansa AG	EUR	DE000823212 5	LHAG.DE	www.lufthansagroup.co	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232643150	12326431 5	Ordinary	McDonald's Corp	USD	US580135101 7	MCD.N	www.mcdonalds.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643168	12326431 6	Registered	Meyer Burger Technology AG	CHF	CH010850379 5	MBTN.S	www.meyerburger.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232643176	12326431 7	Ordinary	Moderna Inc	USD	US60770K107 9	MRNA.OQ	www.modernatx.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232643184	12326431 8	Registered	Münchener Rückversicheru ngs- Gesellschaft Aktiengesellsch aft in München	EUR	DE000843002 6	MUVGn.DE	www.munichre.com	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232643192	12326431 9	Registered	Münchener Rückversicheru ngs- Gesellschaft Aktiengesellsch aft in München	EUR	DE000843002 6	MUVGn.DE	www.munichre.com	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232643200	12326432 0	Ordinary	Newmont Corp	USD	US651639106 6	NEM.N	www.newmont.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643218	12326432 1	Ordinary	Newmont Corp	USD	US651639106 6	NEM.N	www.newmont.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643226	12326432 2	Class B	NIKE Inc	USD	US654106103 1	NKE.N	www.nike.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643234	12326432 3	Ordinary	Norwegian Cruise Line Holdings Ltd	USD	BMG6672110 46	NCLH.N	www.nclhltd.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643242	12326432 4	ADR	Oatly Group AB	USD	US67421J108 8	OTLY.OQ	www.oatly.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232643259	12326432 5	ADR	Oatly Group AB	USD	US67421J108 8	OTLY.OQ	www.oatly.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232643267	12326432 6	Ordinary	Oracle Corp	USD	US68389X105 4	ORCL.N	www.oracle.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643275	12326432	Registered	Partners Group	CHF	CH002460882	PGHN.S	www.partnersgroup.co	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settleme nt Currency
	7		Holding AG		7		<u>m</u>				
CH1232643283	12326432 8	Ordinary	PayPal Holdings Inc	USD	US70450Y103 8	PYPL.OQ	www.paypal.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232643291	12326432 9	Ordinary	Koninklijke Philips NV	EUR	NL000000953 8	PHG.AS	www.philips.com	Euronext Amsterdam	www.euronext.com	Zurich	CHF
CH1232643309	12326433 0	Ordinary	Plug Power Inc	USD	US72919P202 0	PLUG.OQ	www.plugpower.com	NASDAQ CM	www.nasdaq.com	Zurich	CHF
CH1232643317	12326433 1	Preferred	Dr. Ing. h.c. F. Porsche AG	EUR	DE000PAG91 13	P911_p.DE	www.porsche.com	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232643325	12326433 2	Ordinary	Qualcomm Inc	USD	US747525103 6	QCOM.OQ	www.qualcomm.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232643333	12326433 3	Ordinary	Regeneron Pharmaceutical s Inc	USD	US75886F107 5	REGN.OQ	www.regeneron.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232643341	12326433 4	Class A	Rivian Automotive Inc	USD	US76954A103 4	RIVN.OQ	www.rivian.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232643358	12326433 5	Registered	SGS SA	CHF	CH000249745 8	SGSN.S	www.sgs.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232643366	12326433 6	Ordinary	Safran SA	EUR	FR000007327 2	SAF.PA	www.safran-group.com	Euronext Paris	www.euronext.com	Zurich	CHF
CH1232643374	12326433 7	Ordinary	Salesforce Inc	USD	US79466L302 4	CRM.N	www.salesforce.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643382	12326433 8	Ordinary	ServiceNow Inc	USD	US81762P102 1	NOW.N	www.servicenow.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643390	12326433 9	Ordinary	ServiceNow Inc	USD	US81762P102 1	NOW.N	www.servicenow.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643408	12326434 0	Ordinary	SHOP APOTHEKE EUROPE NV	EUR	NL001204474 7	SAEG.DE	www.shop- apotheke.com	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232643416	12326434 1	Registered	Siegfried Holding AG	CHF	CH001428449 8	SFZN.S	www.siegfried.ch	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232643424	12326434 2	Registered	Siemens AG	EUR	DE000723610	SIEGn.DE	www.siemens.de	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232643432	12326434 3	Ordinary	Snap Inc	USD	US83304A106 0	SNAP.N	www.snap.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643440	12326434 4	Registered	Sonova Holding AG	CHF	CH001254978 5	SOON.S	www.sonova.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settleme nt Currency
CH1232643457	12326434 5	Registered	Stadler Rail AG	CHF	CH000217818 1	SRAIL.S	www.stadlerrail.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232643465	12326434 6	Ordinary	Starbucks Corp	USD	US855244109 4	SBUX.OQ	www.starbucks.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232643473	12326434 7	Ordinary	The Swatch Group AG	CHF	CH001225515 1	UHR.S	www.swatchgroup.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232643481	12326434 8	ADR	Taiwan Semiconductor Manufacturing Company Ltd	USD	US874039100 3	TSM.N	www.tsmc.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643499	12326434 9	Ordinary	TeamViewer AG	EUR	DE000A2YN9 00	TMV.DE	www.teamviewer.com	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF
CH1232643507	12326435 0	Registered	Tecan Group AG	CHF	CH001210019	TECN.S	www.tecan.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232643515	12326435 1	Ordinary	Tesla Inc	USD	US88160R101 4	TSLA.OQ	www.teslamotors.com	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232643523	12326435 2	Registered	Uber Technologies Inc	USD	US90353T100 7	UBER.N	www.uber.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643531	12326435 3	Ordinary	UniCredit SpA	EUR	IT0005239360	CRDI.MI	www.unicreditgroup.eu	Borsa Italiana (MTA)	www.borsaitaliana.it	Zurich	CHF
CH1232643549	12326435 4	Ordinary	Unilever plc	EUR	GB00B10RZP 78	ULVR.AS	www.unilever.com	Euronext Amsterdam	www.euronext.com	Zurich	CHF
CH1232643556	12326435 5	Registered	VAT Group AG	CHF	CH031186490	VACN.S	www.vatvalve.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232643564	12326435 6	Ordinary	Vodafone Group plc	GBp	GB00BH4HKS 39	VOD.L	www.vodafone.com	London Stock Exchange	www.londonstockexcha nge.com	Zurich	CHF
CH1232643572	12326435 7	Ordinary	Vodafone Group plc	GBp	GB00BH4HKS 39	VOD.L	www.vodafone.com	London Stock Exchange	www.londonstockexcha nge.com	Zurich	CHF
CH1232643580	12326435 8	Ordinary	Walmart Inc	USD	US931142103 9	WMT.N	www.walmart.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643598	12326435 9	Ordinary	The Walt Disney Co	USD	US254687106 0	DIS.N	www.thewaltdisneycom pany.com	New York Stock Exchange (NYSE)	www.nyse.com	Zurich	CHF
CH1232643606	12326436 0	Class A	Wise plc	GBp	GB00BL9YR7 56	WISEa.L	www.wise.com	London Stock Exchange	www.londonstockexcha nge.com	Zurich	CHF
CH1232643614	12326436 1	Ordinary	Zalando SE	EUR	DE000ZAL111	ZALG.DE	www.corporate.zalando .de	Deutsche Börse AG	www.deutsche- boerse.com	Zurich	CHF

Series Number / ISIN Code	Valoren Code	Type of Share	Share Company / Share	Share Currency	ISIN of Share	Reuters Code of Share	Share Company Website	Exchange	Exchange Website	Business Day Centre	Settleme nt Currency
CH1232643622	12326436 2	Class A	Zoom Video Communication s Inc	USD	US98980L101 7	ZM.OQ	www.zoom.us	NASDAQ GS	www.nasdaq.com	Zurich	CHF
CH1232643630	12326436 3	Registered	Zur Rose Group AG	CHF	CH004261528 3	ROSEG.S	www.zurrosegroup.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232643648	12326436 4	Registered	Zurich Insurance Group AG	CHF	CH001107539 4	ZURN.S	www.zurich.com	SIX Swiss Exchange AG	www.six-group.com	Zurich	CHF
CH1232643655	12326436 5	Ordinary	thyssenkrupp AG	EUR	DE000750000 1	TKAG.DE	www.thyssenkrupp.de		www.deutsche- boerse.com	Zurich	CHF

GENERAL PROVISIONS

The following terms apply to each series of Securities:

1. **Issuer:** BNP Paribas Issuance B.V.

2. **Guarantor:** BNP Paribas

Trade Date: 18 November 2022.
 Issue Date: 21 November 2022.
 Consolidation: Not applicable.

6. Type of Securities: (a) Certificates.

(b) The Securities are Share Securities.

The Certificates are OET Certificates and are OET Call Certificates or

OET Put Certificates.

The provisions of Annex 2 (Additional Terms and Conditions for Share Securities) and Annex 11 (Additional Terms and Conditions for OET

Certificates) shall apply.

Form of Securities: Uncertificated Securities.

8. Business Day Centre(s): The applicable Business Day Centre for the purposes of the definition of

"Business Day" in Condition 1 is as set out in Specific Provisions for each

Series above.

9. Settlement: Settlement will be by way of cash payment (Cash Settled Securities).

10. Variation of Settlement:

(a) Issuer's option to vary

settlement:

The Issuer does not have the option to vary settlement in respect of the

Securities.

11. Relevant Asset(s): Not applicable.

12. Entitlement: Not applicable.

13. Conversion Rate: The Conversion Rate equal one if the relevant Share Currency is the

same as the Settlement Currency or otherwise the applicable rate of exchange for conversion of any amount into the relevant Settlement Currency for the purposes of determining the Settlement Price (as defined in the relevant Annex to the Terms and Conditions) or the Cash

Settlement Amount (as defined in Condition 1).

14. Settlement Currency: The settlement currency for the payment of the Cash Settlement Amount

is as set out in "Specific Provisions for each Series" above.

15. **Syndication:** The Securities will be distributed on a non-syndicated basis.

16. Minimum Trading Size: Not applicable.

17. Security Agent: BNP PARIBAS SA, Paris, Zurich Branch.

18. Calculation Agent: BNP Paribas Arbitrage S.N.C.

1 rue Laffitte 75009 Paris, France.

19. Governing law: French law.

20. Special conditions or other

modifications to the Terms and Not applicable

Conditions:

21. Masse provisions (Condition 9.4): Not applicable.

PRODUCT SPECIFIC PROVISIONS (ALL SECURITIES)

22. Index Securities: Not applicable.

23. Share Securities/ETI Share Applicable.

Securities:

Share Securities: Applicable.

(a) Share(s)/Share Company/Basket Company/GDR/ADR/ETI

Interest/Basket of ETI

In respect of a Series, the share specified in the Type of Share and issued by the Share Company in each case in respect of such Series in "Specific Provisions for each Series" above (each a "Share").

Interests:

(b) Relative Performance Basket:

Not applicable.

(c) Share/ETI Interest

Currency:

See the "Specific Provisions for each Series" above.

(d) Exchange(s):

See the "Specific Provisions for each Series" above.

(e) Related Exchange(s):

All Exchanges.

(f) Exchange Business Day:

Single Share Basis.

(g) Scheduled Trading Day:

Single Share Basis.

(h) Weighting:

Not applicable.

(i) Settlement Price:

Official closing price.

(i) Disrupted Day:

As per Conditions.

(k) Specified Maximum Days

of Disruption:

Twenty (20) Scheduled Trading Days.

(1) Valuation Time:

The Scheduled Closing Time as defined in Condition 1.

(m) Delayed Redemption of Occurrence of an

Extraordinary Event:

Not applicable.

(n) Share/ETI Interest **Correction Period:**

As per Conditions.

(o) Dividend Payment:

Not applicable. Applicable.

(p) Listing Change:

Applicable.

(q) Listing Suspension:

Applicable.

(r) Illiquidity:

(s) Tender Offer:

conditions:

Applicable.

(u) Other terms or special

(t) Hedging Liquidity Event:

Not applicable. Not applicable.

24. ETI Securities:

Not applicable.

Not applicable.

25. Debt Securities:

26. Commodity Securities:

Not applicable.

27. Inflation Index Securities:

Not applicable.

28. Currency Securities:

Not applicable.

29. Fund Securities:

Not applicable.

30. Futures Securities: 31. OET Certificates:

Not applicable. Applicable.

(a) Final Price:

As per OET Certificate Conditions.

(b) Valuation Date: As per OET Certificate Conditions.

(c) Exercise Price: See the "Specific Provisions for each Series" above.

(d) Capitalised Exercise Capitalised Exercise Price applicable, in accordance with the OET Price: Certificate Conditions.

OET Website(s):

www.bnpparibasmarkets.ch

Local Business Day Centre(s): Zurich.

(e) Capitalised Exercise
Price Rounding Rule:
See the "Specific Provisions for each Series" above.

(f) **Dividend Percentage:** See the "Specific Provisions for each Series" above.

(g) Financing Rate:

(i) Interbank Rate 1
Screen Page:

See the "Specific Provisions for each Series" above.

(ii) Interbank Rate 1 Specified Time: As per OET Certificate Conditions.

(iii) Interbank Rate 2 Screen Page: Not applicable.

(iv) Interbank Rate 2
Specified Time:

Not applicable.

(v) Financing Rate Percentage: See the "Specific Provisions for each Series" above.

(vi) Financing Rate Range: See the "Specific Provisions for each Series" above.

(h) Automatic Early Redemption:

Applicable.

(i) Automatic Early Redemption Amount: The Automatic Early Redemption Payout, in respect of each Certificate, shall be equal to :

-in respect of Call Certificates:

$$\mathsf{Max}\left(0; \left(\frac{\mathsf{Final\ Price\ Early} - \mathsf{Capitalised\ Exercise\ Price}}{\mathsf{Parity} \times \mathsf{Conversion\ Rate\ Early}}\right)\right);$$

-in respect of Put Certificates:

$$\mathsf{Max}\left(0; \left(\frac{\mathsf{Capitalised}\ \mathsf{Exercise}\ \mathsf{Price} - \mathsf{Final}\ \mathsf{Price}\ \mathsf{Early}}{\mathsf{Parity} \times \mathsf{Conversion}\ \mathsf{Rate}\ \mathsf{Early}}\right)\right)$$

Where:

Final Price Early means as set out in OET Certificate Conditions.

Capitalised Exercise Price means as set out in OET Certificate Conditions.

Parity means as set out in "Specific Provisions for each Series" above;

Conversion Rate Early means the Conversion Rate on the relevant Automatic Early Redemption Valuation Date;

(ii) Automatic Early Redemption Date: The fifth Business Days following the Valuation Date.

(iii) Observation Price: Traded price.

(iv) Observation Price Source:

Exchange.

(v) Observation Time(s):

At any time during the opening hours of the Exchange.

(vi) Security Threshold:

As per OET Certificate Conditions.

The Security Threshold in respect of a Relevant Business Day will be published as soon as practicable after its determination on the OET

Website(s), as set out in § 31(d)

(vii) Security Threshold Rounding Rule:

See the "Specific Provisions for each Series" above.

(viii) Security Percentage:

See the "Specific Provisions for each Series" above.

(ix) Minimum Security Percentage:

See the "Specific Provisions for each Series" above.

(x) Maximum Security Percentage:

See the "Specific Provisions for each Series" above.

(xi) Reset Date:

The first calendar day in each month or any calendar day.

(i) Commencement Date:

As per OET Certificate Conditions.

(i) Other provisions:

Not applicable.

32. Constant Leverage Securities:

Not applicable.

33. Additional Disruption Events:

Applicable.

34. Optional Additional Disruption

Events:

(a) The following Optional Additional Disruption Events apply to the

Securities: Administrator/Benchmark Event

Increased Cost of Hedging

Currency Event

Loss of Stock Borrow

Insolvency Filing

Increased Cost of Stock Borrow

(b) The Maximum Stock Loan Rate is 25%.

The Initial Stock Loan Rate is 25%.

(c) Delayed Redemption on Occurrence of an Additional Disruption Event

and/or Optional Additional Disruption Event: Not applicable.

35. Knock-in Event:

Not applicable.

36. Knock-out Event:

Not applicable.

PROVISIONS RELATING TO WARRANTS

37. Provisions relating to Warrants:

Not applicable.

PROVISIONS RELATING TO CERTIFICATES

38. Provisions relating to Certificates:

Applicable.

(a) Notional Amount of each Certificate:

Not applicable.

(b) Partly Paid Certificates:

The Certificates are not Partly Paid Certificates.

(c) Interest: Not applicable.

(d) Accrual to Redemption: Not applicable.

(e) Fixed Rate Provisions: Not applicable.

(f) Floating Rate Provisions: Not applicable.

(g) Linked Interest Certificates: Not applicable.

(h) Index Linked Interest Certificates: Not applicable.

(i) Share Linked/ETI Share Linked Interest Not applicable. Certificates:

(j) ETI Linked Interest Certificates: Not applicable.

(k) Debt Linked Interest Certificates: Not applicable.

(I) Commodity Linked Interest Certificates: Not applicable.

(m) Inflation Index Linked Interest Certificates: Not applicable.

(n) Currency Linked Interest Certificates: Not applicable.

(o) Fund Linked Interest Certificates: Not applicable.

(p) Futures Linked Interest Certificates: Not applicable.

(q) Instalment Certificates: The Certificates are not Instalment Certificates.

(r) Issuer Call Option: Not applicable.

(s) **Holder Put Option:** Applicable provided that (i) no Automatic Early Redemption Event has occurred and (ii) the Issuer has not already designated the Valuation Date

in accordance with the OET Certificate Conditions.

(i) Optional Redemption Date(s): The day falling ten (10) Business Days immediately following the relevant Optional Redemption Valuation Date.

(ii) Optional Redemption Valuation Date:

The last Relevant Business Day in March in each year commencing in March of the calendar year after the Commencement Date, subject to

March of the calendar year after the Commencement Date, subject to adjustment in the event that such day is a Disrupted Day as provided in the definition of Valuation Date in Condition 27.

(iii) Optional Redemption Amount(s) and method, if any, of calculation of such amount(s): -in respect of Call Certificates:

$$\mathsf{Max}\left(0; \left(\frac{\mathsf{Final\ Price} - \mathsf{Capitalised\ Exercise\ Price}}{\mathsf{Parity} \times \mathsf{Conversion\ Rate\ Early}}\right)\right);$$

-in respect of *Put* Certificates:

$$\mathsf{Max}\left(0; \left(\frac{\mathsf{Capitalised}\ \mathsf{Exercise}\ \mathsf{Price} - \mathsf{Final}\ \mathsf{Price}}{\mathsf{Parity} \times \mathsf{Conversion}\ \mathsf{Rate}\ \mathsf{Early}}\right)\right)$$

Where:

Final Price means as set out in OET Certificate Conditions.

Capitalised Exercise Price means as set out in OET Certificate Conditions.

Parity means as set out in "Specific Provisions for each Series" above;

Conversion Rate Early means the Conversion Rate on the relevant Optional Redemption Valuation Date;

(iv) Notice Period (if different from those set out in the Conditions):

Not less than 30 days prior to the next occurring Optional Redemption Valuation Date.

(t) Automatic Early Redemption:

Not applicable.

(u) Cash Settlement Amount:

The Cash Settlement Amount in respect of each Certificate will be calculated as follows:

-in respect of Call Certificates:

$$\mathsf{Max}\left(0; \left(\frac{\mathsf{Final\ Price} - \mathsf{Capitalised\ Exercise\ Price}}{\mathsf{Parity} \times \mathsf{Conversion\ Rate\ Final}}\right)\right);$$

-in respect of Put Certificates:

$$\mathsf{Max}\left(0; \left(\frac{\mathsf{Capitalised}\ \mathsf{Exercise}\ \mathsf{Price} - \mathsf{Final}\ \mathsf{Price}}{\mathsf{Parity} \times \mathsf{Conversion}\ \mathsf{Rate}\ \mathsf{Final}}\right)\right)$$

Where:

Final Price means as set out in OET Certificate Conditions.

Capitalised Exercise Price means as set out in OET Certificate Conditions.

Parity means as set out in "Specific Provisions for each Series" above;

Conversion Rate Final means the Conversion Rate on the relevant Valuation Date;

(v) Strike Date: Not applicable.

(w) Redemption Valuation Date:

Not applicable.

(x) Averaging: Averaging does not apply to the Securities.

(y) Observation Dates: Not applicable.

(z) **Observation Period:** Not applicable.

(aa) Settlement Business Day: Not applicable.

(bb) Cut-off Date: Not applicable.

39. Identification information of Holders: Not applicable.

DISTRIBUTION AND US SALES ELIGIBILITY (ALL SECURITIES)

40. Selling Restrictions:

(a) Eligibility for sale of Securities in the United States: The Securities are not eligible for sale in the United States.

Reg. S Compliance Category 2; TEFRA Not applicable

(b) Other Selling Restrictions:

Not applicable.

41. Additional U.S. Federal income tax considerations:

The Securities may be Specified Securities for the purpose of Section 871(m) of the U.S. Internal Revenue Code of 1986 as stated in "Specific Provisions for each Series" above. If the Securities are Specified

Securities, then the following provisions will apply.

Additional information regarding the application of Section 871(m) to the Securities will be available at markets.ch@bnpparibas.com. The Issuer will arrange for withholding under Section 871(m) to be imposed on any dividend equivalent payment at a rate of 30 per cent.

Payments on the Specified Securities are calculated by reference to Net Dividends. By purchasing a Specified Security, the parties agree that in calculating the relevant payment amount the Issuer has withheld, and the purchaser is deemed to have received 30 per cent. of any dividend equivalent payments (as defined in Section 871(m) of the U.S. Internal Revenue Code of 1986, as amended) in respect of the relevant U.S. securities. The Issuer will not pay any additional amounts to the holder on account of the Section 871(m) amount deemed withheld.

For this purpose, "**Net Dividends**" means the dividends paid by an issuer of a security net of 30 per cent. U.S. federal withholding tax.

42. Prohibition of Sales to EEA and UK Retail Investors:

(a) Selling Restriction:

Applicable.

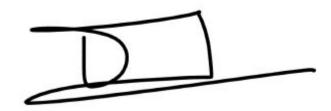
(b) Legend:

Applicable.

Responsibility

The Issuer accepts responsibility for the information contained in these Final Terms. To the best of the knowledge of the Issuer (who has taken all reasonable care to ensure that such is the case), the information contained herein is in accordance with the facts and does not omit anything likely to affect the import of such information.

Signed on behalf of BNP Paribas Issuance B.V. As Issuer:



By:
Duly authorised

PART B - OTHER INFORMATION

1. Listing and Admission to trading

The Securities are unlisted.

2. Governing Law and Jurisdiction

As provided in the Conditions, the Securities are governed by French Law and the Paris Court of Appeal shall have exclusive jurisdiction to settle all disputes that may, directly or indirectly, arise out of or in connection with the Securities.

3. Ratings

The Securities have not been rated.

4. Interests of Natural and Legal Persons Involved in the Issue

Save as discussed in the "Potential Conflicts of Interest" paragraph in the "Risks" section in the Base Prospectus, so far as the Issuer is aware, no person involved in the issue of the Securities has an interest material to the issue.

5. Performance of Underlying/Formula/Other Variable, Explanation of Effect on Value of Investment and Associated Risks and Other Information concerning the Underlying

The Share Mini Future Call or Put Certificate is an Open End Turbo ("OET") Certificate being a leveraged security with no fixed term, which gives investors a level of exposure from moderate to high to the price and performance of the relevant Share as described in Part A "Specific Provisions for each Series" (the "Underlying Share") that is greater than the capital invested. The leveraged nature of the Certificates means that any movement in the value of the Underlying Share will have a magnified effect on the value of the Certificates, both positively and negatively.

In respect of Call Certificates, the Certificates will increase in value when the Underlying Share increases in value and decrease in value when the Underlying Share decreases in value.

In respect of Put Certificates, the Certificates will increase in value when the Underlying Share decreases in value and decrease in value when the Underlying Share increases in value.

The Certificates are "OET Call" Certificates or "OET Put" Certificates. The Certificates feature a Capitalised Exercise Price and a Security Threshold (which is higher than the Capitalised Exercise Price in respect of Call Certificates and lower than the Capitalised Exercise Price in respect of Put Certificates). Both the Capitalised Exercise Price and the Security Threshold are adjusted by the Calculation Agent on a daily basis according to the cost of financing (the "Financing Rate").

The closer the value of Security Threshold to the level of the Underlying Share from time to time, the higher the leverage effect will be and the higher the risk that the Security Threshold will be reached. The Certificates will be automatically early redeemed at a price between zero and their residual value if the level of the Underlying Share reaches the Capitalised Exercise Price. Otherwise they have no fixed redemption date and the Issuer may choose to redeem them at any time upon giving notice to Holders.

On redemption, Holders will receive an amount, which may be zero, determined by reference to the performance of the Underlying Share, the Capitalised Exercise Price, the Financing Rate and, if applicable, the performance of the Conversion Rate between the Share Currency and the Settlement Currency.

Information on each Share shall be available on the relevant Share Company website as set out in "Specific Provisions for each Series" in Part A.

Past and further performances of each Share are available on the relevant Exchange website as set out in "Specific Provisions for each Series" in Part A and the volatility of each Share may be obtained from the Calculation Agent : markets.ch@bnpparibas.com

The Issuer does not intend to provide post-issuance information.

SHARE DISCLAIMER

The issue of the Securities is not sponsored or promoted by any Share Company and is under the sole responsibility of BNP Paribas. No Share Company makes any representation whatsoever nor promotes the growth of the Securities in relation to their Shares and consequently does not have any financial or legal obligation with respect to the Securities. In addition, Securities do not give the right to dividends distributed by the Share Company or voting rights or any other right with respect of the Share Company.

6. Operational Information

i. Relevant Clearing System(s): SIX SIS Ltd., Olten, Switzerland
 ii. Intermediary: SIX SIS Ltd., Olten, Switzerland

SUMMARY OF FINAL TERMS

This shall constitute a summary of the Final Terms (the "Summary") pursuant to Art. 56 para. 2 FinSO.

		Part A – Introduction
A.1	Introduction and Warnings	The Securities may only be offered, sold or advertised, directly or indirectly, in Switzerland in accordance with the requirements of the FinSA, as further set out in the Base Prospectus approved by the SIX Exchange Regulation AG in its capacity as Swiss Prospectus Office as of 23 September 2022 and the Final Terms. Terms used in this Summary shall have the same meaning as set forth in the Base Prospectus and the Final Terms. The Securities may be considered structured products in Switzerland pursuant to article 70 FinSA and are neither subject to authorisation nor supervision by FINMA. Investors bear the credit risk of the Issuer and/or the Guarantor. Investors should read the section "Risks" of the Base Prospectus.
		Investing in the Securities may put Investor's capital at risk. Investors may lose some or all of their investment.
A.2	Investment Decision	Any decision to invest in any Securities should be based on a consideration of the Base Prospectus and the Final Terms as a whole, including any documents incorporated by reference.
A.3	Liability	The Issuer or the Guarantor may be liable for the content of this Summary solely when read together with the other parts of the Base Prospectus and the Final Terms or where it does not provide, when read together with the other parts of the Base Prospectus and the Final Terms, key information in order to aid investors when considering whether to invest in the Securities.
		Part B – Securities
B.1	Issuer/Guarantor	Issuer The legal company name of the Issuer is BNP Paribas Issuance B.V. (the "Issuer"). The domicile of the Issuer is Amsterdam, Netherland. The registered office of the Issuer is Herengracht 595, 1017 CE Amsterdam, the Netherlands. Guarantor The legal company name of the Guarantor is BNP Paribas (the "Guarantor"). The domicile of the Guarantor is Paris, France. The head office of the Guarantor is 16, boulevard des Italiens – 75009 Paris, France.
B.2	ISIN	As set out in table below.
B.3	Nature of Securities	Certificates.
B.4	Product Name	"Mini Future" Certificates relating to a Share
B.5	Issue Date	21 November 2022
B.6	Redemption Date	As set out in table below.
B.7	Issue Price	As set out in table below.
B.8	Underlyings	As set out in table below.
B.9	Settlement	Settlement type: cash settlement.
		Settlement currency: As set out in table below.
		Part C – Offer and Admission to Trading
C.1	Public Offer	The Securities may be offered, sold or advertised, directly or indirectly, in Switzerland to retail clients (<i>Privatkundinnen und -kunden</i>) within the meaning of FinSA (" Retail Clients ") in accordance with FinSA starting from the Issue Date.
C.2	Admission to	Not applicable.
	Trading/listing	The Securities will be provisionally admitted to trading on the Issue Date.
C.3	Clearing System	SIX SIS Ltd., Olten, Switzerland
C.4	Intermediary	SIX SIS Ltd., Olten, Switzerland
C.5	Selling restrictions	As per the Base Prospectus.

Series Number / ISIN Code	Share Company / Share	Issue Price per Security	Settlement Currency	Redemption Date
CH1232642574	3M Company	CHF 2.88	CHF	Open End
CH1232642582	ASML Holding NV	CHF 7.57	CHF	Open End

Series Number / ISIN Code	Share Company / Share	Issue Price per Security	Settlement Currency	Redemption Date
CH1232642590	adidas AG	CHF 3.09	CHF	Open End
CH1232642608	adidas AG	CHF 1.20	CHF	Open End
CH1232642616	Allianz SE	CHF 3.14	CHF	Open End
CH1232642624	Alphabet Inc	CHF 0.98	CHF	Open End
CH1232642632	Amgen Inc	CHF 2.97	CHF	Open End
CH1232642640	Amgen Inc	CHF 4.97	CHF	Open End
CH1232642657	Atos SE	CHF 0.20	CHF	Open End
CH1232642665	AXA SA	CHF 0.44	CHF	Open End
CH1232642673	AXA SA	CHF 0.61	CHF	Open End
CH1232642681	BHP Group LTD	CHF 0.43	CHF	Open End
CH1232642699	BP plc	CHF 0.48	CHF	Open End
CH1232642707	Bachem Holding AG	CHF 0.10	CHF	Open End
CH1232642715	Bachem Holding AG	CHF 0.12	CHF	Open End
CH1232642723	Bank of America Corp	CHF 0.47	CHF	Open End
CH1232642731	Barry Callebaut AG	CHF 1.71	CHF	Open End
CH1232642749	BASF SE	CHF 0.61	CHF	Open End
CH1232642756	Basilea Pharmaceutica AG	CHF 0.44	CHF	Open End
CH1232642764	Bayer AG	CHF 0.55	CHF	Open End
CH1232642772	Berkshire Hathaway Inc B	CHF 2.15	CHF	Open End
CH1232642780	BioNTech SE	CHF 1.86	CHF	Open End
CH1232642798	The Boeing Co	CHF 2.01	CHF	Open End
CH1232642806	Booking Holdings Inc	CHF 2.11	CHF	Open End
CH1232642814	CD Projekt SA	CHF 0.59	CHF	Open End
CH1232642822	Carnival Corp	CHF 2.06	CHF	Open End
CH1232642830	Carrefour SA	CHF 0.27	CHF	Open End
CH1232642848	Caterpillar Inc	CHF 3.74	CHF	Open End
CH1232642855	Cisco Systems Inc	CHF 0.83	CHF	Open End
CH1232642863	Compugroup Medical SE & Co. KGaA	CHF 0.33	CHF	Open End
CH1232642871	Continental AG	CHF 0.84	CHF	Open End
CH1232642889	Covestro AG	CHF 0.63	CHF	Open End
CH1232642897	Delivery Hero SE	CHF 0.68	CHF	Open End
CH1232642905	Deutsche Telekom AG	CHF 1.65	CHF	Open End
CH1232642913	E.ON SE	CHF 1.41	CHF	Open End
CH1232642921	EMS-Chemie Holding AG	CHF 0.56	CHF	Open End
CH1232642939	Evotec SE	CHF 0.21	CHF	Open End
CH1232642947	eBay Inc	CHF 0.81	CHF	Open End
CH1232642954	Engle SA	CHF 0.24	CHF	Open End
CH1232642962	Fielmann AG	CHF 0.84	CHF	Open End
CH1232642970	Fresenius Medical Care AG & Co. KGaA	CHF 0.22	CHF	Open End
CH1232642988	General Motors Co	CHF 0.70	CHF	Open End
CH1232642986	General Motors Co	CHF 0.44	CHF	Open End
CH1232643002	Glencore plc	CHF 0.74	CHF	Open End
CH1232643010	Glencore pic	CHF 1.34	CHF	Open End
CH1232643010 CH1232643028	The Goldman Sachs Group Inc	CHF 1.34 CHF 4.63	CHF	Open End
CH1232643026 CH1232643036	HeidelbergCement AG	CHF 4.63	CHF	Open End
			CHF	 '
CH1232643044	HelloFresh SE IBM	CHF 0.54	CHF	Open End
CH1232643051		CHF 1.21		Open End
CH1232643069	IBM	CHF 1.12	CHF	Open End
CH1232643077	Infineon Technologies AG	CHF 3.53	CHF	Open End

Series Number / ISIN Code	Share Company / Share	Issue Price per Security	Settlement Currency	Redemption Dat
CH1232643085	JPMorgan Chase & Co	CHF 0.91	CHF	Open End
CH1232643093	Johnson & Johnson	CHF 3.38	CHF	Open End
CH1232643101	Julius Baer Group Ltd	CHF 0.53	CHF	Open End
CH1232643119	Kuehne + Nagel International AG	CHF 1.73	CHF	Open End
CH1232643127	L'Oreal SA	CHF 2.52	CHF	Open End
CH1232643135	Landis+Gyr Group AG	CHF 0.92	CHF	Open End
CH1232643143	Deutsche Lufthansa AG	CHF 0.51	CHF	Open End
CH1232643150	McDonald's Corp	CHF 2.01	CHF	Open End
CH1232643168	Meyer Burger Technology AG	CHF 0.15	CHF	Open End
CH1232643176	Moderna Inc	CHF 2.78	CHF	Open End
CH1232643184	Münchener Rückversicherungs-Gesellschaft Aktiengesellschaft in München	CHF 4.36	CHF	Open End
CH1232643192	Münchener Rückversicherungs-Gesellschaft Aktiengesellschaft in München	CHF 6.95	CHF	Open End
CH1232643200	Newmont Corp	CHF 0.96	CHF	Open End
CH1232643218	Newmont Corp	CHF 0.88	CHF	Open End
CH1232643226	NIKE Inc	CHF 1.01	CHF	Open End
CH1232643234	Norwegian Cruise Line Holdings Ltd	CHF 0.20	CHF	Open End
CH1232643242	Oatly Group AB	CHF 0.46	CHF	Open End
CH1232643259	Oatly Group AB	CHF 0.37	CHF	Open End
CH1232643267	Oracle Corp	CHF 1.34	CHF	Open End
CH1232643275	Partners Group Holding AG	CHF 0.79	CHF	Open End
CH1232643283	PayPal Holdings Inc	CHF 0.98	CHF	Open End
CH1232643291	Koninklijke Philips NV	CHF 0.19	CHF	Open End
CH1232643309	Plug Power Inc	CHF 0.19	CHF	Open End
CH1232643317	Dr. Ing. h.c. F. Porsche AG	CHF 1.09	CHF	Open End
CH1232643325	Qualcomm Inc	CHF 1.17	CHF	Open End
CH1232643333	Regeneron Pharmaceuticals Inc	CHF 1.41	CHF	Open End
CH1232643341	Rivian Automotive Inc	CHF 0.68	CHF	Open End
CH1232643358	SGS SA	CHF 2	CHF	Open End
CH1232643366	Safran SA	CHF 1.89	CHF	Open End
CH1232643374	Salesforce Inc	CHF 2.54	CHF	Open End
CH1232643382	ServiceNow Inc	CHF 0.83	CHF	Open End
CH1232643390	ServiceNow Inc	CHF 0.90	CHF	Open End
CH1232643408	SHOP APOTHEKE EUROPE NV	CHF 0.67	CHF	Open End
CH1232643416	Siegfried Holding AG	CHF 0.80	CHF	Open End
CH1232643424	Siemens AG	CHF 1.64	CHF	Open End
CH1232643432	Snap Inc	CHF 2.56	CHF	Open End
CH1232643440	Sonova Holding AG	CHF 2.05	CHF	Open End
CH1232643457	Stadler Rail AG	CHF 0.40	CHF	Open End
CH1232643465	Starbucks Corp	CHF 1.12	CHF	Open End
CH1232643473	The Swatch Group AG	CHF 1.82	CHF	Open End
CH1232643481	Taiwan Semiconductor Manufacturing Company Ltd	CHF 0.57	CHF	Open End
CH1232643499	TeamViewer AG	CHF 0.14	CHF	Open End
CH1232643507	Tecan Group AG	CHF 0.60	CHF	Open End
CH1232643515	Tesla Inc	CHF 1.41	CHF	Open End
CH1232643523	Uber Technologies Inc	CHF 0.62	CHF	Open End
CH1232643531	UniCredit SpA	CHF 2.65	CHF	Open End
CH1232643549	Unilever plc	CHF 0.36	CHF	Open End

Series Number / ISIN Code	Share Company / Share	Issue Price per Security	Settlement Currency	Redemption Date
CH1232643556	VAT Group AG	CHF 2.49	CHF	Open End
CH1232643564	Vodafone Group plc	CHF 0.24	CHF	Open End
CH1232643572	Vodafone Group plc	CHF 0.21	CHF	Open End
CH1232643580	Walmart Inc	CHF 1.70	CHF	Open End
CH1232643598	The Walt Disney Co	CHF 1.31	CHF	Open End
CH1232643606	Wise plc	CHF 1.50	CHF	Open End
CH1232643614	Zalando SE	CHF 0.21	CHF	Open End
CH1232643622	Zoom Video Communications Inc	CHF 0.98	CHF	Open End
CH1232643630	Zur Rose Group AG	CHF 0.30	CHF	Open End
CH1232643648	Zurich Insurance Group AG	CHF 4.21	CHF	Open End
CH1232643655	thyssenkrupp AG	CHF 0.63	CHF	Open End