

(ULTRA-) TRACE ANALYSIS

Acids and Bases

ROTIPURAN® Ultra – Highest Purity

- Specified metal content: less than 100 ppt
- Preponderant metals are under 10 ppt
- More than 65 analysed metals

- Produced and filled under clean room conditions
- Continuous process control for highest product purity

Programme extension!

Product	Art. No.	Pack Qty.	Packaging
Acetic acid ROTIPURAN® Ultra 100 %	HN65.2	250 ml	plastic (FEP)
	HN65.1	500 ml	plastic (FEP)
	HN65.3	1 l	plastic (FEP)
Ammonia solution ROTIPURAN® Ultra 20 %	HN66.2	250 ml	HDPE
	HN66.1	500 ml	HDPE
	HN66.3	1 l	HDPE
Hydrobromic acid ROTIPURAN® Ultra 48 %	HN67.3	250 ml	plastic (FEP)
	HN67.1	500 ml	plastic (FEP)
	HN67.2	1 l	plastic (FEP)
	HN67.4	2 l	plastic (FEP)
Hydrochloric acid ROTIPURAN® Ultra 34 %	HN63.1	250 ml	plastic (PFA)
	HN63.2	500 ml	plastic (PFA)
	HN63.3	1 l	plastic (PFA)
	HN63.4	2 l	plastic (PFA)
Hydrofluoric acid ROTIPURAN® Ultra 48 %	HN64.2	250 ml	plastic (PFA)
	HN64.1	500 ml	plastic (PFA)
	HN64.3	1 l	plastic (PFA)

Product	Art. No.	Pack Qty.	Packaging
Hydrogen peroxide ROTIPURAN® Ultra 31 %	HN69.1	500 ml	plastic (FEP)
	HN60.1	250 ml	plastic (FEP)
	HN60.2	500 ml	plastic (FEP)
Nitric acid ROTIPURAN® Ultra 69 %	HN60.3	1 l	plastic (FEP)
	HN60.4	2 l	plastic (FEP)
	HN61.2	250 ml	plastic (FEP)
Perchloric acid ROTIPURAN® Ultra 70 %	HN61.1	500 ml	plastic (FEP)
	HN61.3	1 l	plastic (FEP)
	HN61.4	2 l	plastic (FEP)
	HN62.1	250 ml	plastic (FEP)
Sulphuric acid ROTIPURAN® Ultra 95 %	HN62.2	500 ml	plastic (FEP)
	HN62.3	1 l	plastic (FEP)
	HN62.4	2 l	plastic (FEP)
	Water ROTIPURAN® Ultra	HN68.1	500 ml
HN68.2		1 l	LDPE
HN68.3		2 l	LDPE

For additional product data and safety information, see chapter Chemicals A-Z.

Dispenser for use in ultra trace analysis

Ultra / Ultra HF dispenser

For dispensing highly pure acids and alkalis.
Suitable for use in ultra trace analysis.

Features:

- Free of metals
- Made of high quality and highly pure plastics (PTFE, TFM and PFA)
- Calibrated and mechanically tested for precision and accuracy
- 38-430 thread (fits ROTIPURAN® Ultra products)

Special features of Ultra dispenser:

- Acid cleansed
- Manufactured in cleanroom (class 100)

Special features of Ultra HF dispenser:

- Specially for dispensing hydrofluoric acids
- Also suitable for analytical acids

When using bottles with a GL45 thread, please order fastening for dispenser KK11.1 separately.

Model	Volume (ml)	Graduation (ml)	Tolerance (±ml)	Art. No.	Pack Qty.
Ultra	0,5-5	0,5	0,02	KK97.1	1 piece
Ultra HF	0,5-5	0,5	0,02	KK98.1	1 piece



Current prices at www.carlroth.com

Acids and Bases



ROTIPURAN® Supra

Product	Art. No.	Packaging	Pack Qty.
Acetic acid ROTIPURAN® Supra 100 %	HN55.1	plastic	500 ml
	HN55.3	plastic	1 l
	HN55.4	plastic	2,5 l
	HN55.5	plastic	4 l
Ammonia solution ROTIPURAN® Supra 20 %	HN56.1	plastic	500 ml
	HN56.3	plastic	4 l
Hydrochloric acid ROTIPURAN® Supra 35 %	HN53.1	plastic	500 ml
	HN53.2	plastic	1 l
	HN53.3	plastic	2,5 l
	HN53.4	plastic	4 l
Hydrochloric acid ROTIPURAN® Supra 30 %	NE57.2	plastic	1 l
	NE57.3	plastic	2,5 l
Hydrofluoric acid ROTIPURAN® Supra 48 %	HN54.1	LDPE	500 ml
Nitric acid ROTIPURAN® Supra 69 %	HN50.1	plastic	500 ml
	HN50.2	plastic	1 l
	HN50.3	plastic	2,5 l
Perchloric acid ROTIPURAN® Supra 70 %	HN51.1	glass PVC coated	500 ml
	HN51.3	glass PVC coated	1 l
	HN51.4	glass PVC coated	2,5 l
Sulphuric acid ROTIPURAN® Supra 95 %	HN52.1	plastic	500 ml
	HN52.2	plastic	1 l
	HN52.5	plastic	2,5 l

- Maximum metal contamination: <1 ppb
- More than 60 specified metals
- Hydrofluoric acid is delivered with additional drop spout for safe removal
- Produced and filled under clean room conditions
- Extremely economical purity for most analytic applications

ROTIPURAN® Low Organic

- TOC (Total Organic carbon)-Gehalt: <20 ppb

Product	Art. No.	Packaging	Pack Qty.
Water ROTIPURAN® Low organic High-purity water for sample preparation in organic trace analysis	HN57.1	glass	1 l
	HN57.2	glass	4 l

For additional product data and safety information, see chapter Chemicals A-Z.

Accessories for Ultra / Ultra HF dispenser

Bottle holder

Stabilises bottles when using a dispenser. The four-screw system is suitable for both square bottles and round bottles. The bottle holder is designed for ROTIPURAN® Supra and Ultra bottles with capacities from 250 ml to 2 litres.

Product	Art. No.	Pack Qty.
Bottle holder	KK99.1	1 piece

Fastening for Ultra / Ultra HF dispenser to GL45

Made of PTFE. For bottles with GL45 thread, specially for the use of ROTIPURAN® Supra products with Ultra and Ultra HF dispensers.

Product	Art. No.	Pack Qty.
Fastening for ROTIPURAN® Supra (GL45)	KK11.1	1 piece

 **Current prices at www.carlroth.com**

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