



HIGH-PURITY ACIDS AND BASES FOR TRACE ELEMENT ANALYSIS

The high-purity acids from CHEMSOLUTE® are used in trace element analysis. The superpure range (ppb range) is particularly suitable for AAS and ICP-OES, the ultrapure range (ppt range) for ICP-MS.

CHEMSOLUTE® SUPERPUR

Description		GHS	PK	Art. no.
Ammonia solution superpure ¹⁾	25 % w/w		250 ml	2671.0251
			500 ml	2671.0511
			1 l	2671.1011
Hydrochloric acid superpure ⁴⁾	29.0 – 31.0 % w/w		1 l	870.1011
	34.0 – 37.0 % w/w		1 l	857.1011
	ppm grade min. 36.5 %		2,5 l	868.2500
Hydrofluoric acid superpure ²⁾	38.0 – 40.5 % w/w		500 ml	2180.0500
			1 l	2180.1000
Hydrogen peroxide superpure ⁶⁾	30 % w/w		1 l	461.1011
Nitric acid superpure ³⁾	67.0 – 69.0 % w/w		1 l	838.1011
			2,5 l	838.2500
Sulfuric acid superpure ⁵⁾	93.0 – 98.0 % w/w		1 l	863.1011
Water superpur			5 l	405.5000

CHEMSOLUTE® ULTRAPUR

Bezeichnung		GHS	Menge	Art. Nr.
Hydrochloric acid ultrapure ⁴⁾	32.0 – 35.0 % w/w		500 ml	873.0511
			1 l	873.1011
Hydrofluoric acid ultrapure ²⁾	47.0 – 51.0 % w/w		500 ml	2181.0511
			1 l	2181.1011
Hydrogen peroxide ultrapure ⁶⁾	30 – 32 % w/w		500 ml	460.0511
Nitric acid ultrapure ³⁾	67.0 – 69.0 % w/w		500 ml	837.0511
			1 l	837.1011
Sulfuric acid ultrapure ⁵⁾	93.0 – 98.0 % w/w		500 ml	858.0511
			1 l	858.1011
Water ultrapure			1 l	406.1011

¹⁾ Danger H314 H335 H400

²⁾ Danger H300+H310+H330 H314

³⁾ Danger H272 H290 H331 H314

⁴⁾ Danger H290 H314 H335

⁵⁾ Danger H290 H314

⁶⁾ Danger H272 H302+H312+H332 H314



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