

SPEZIFIKATION: 17657 Ammonia solution 28-30 %, VLSI PURANAL

Print Date: 16.03.2023 / Revision index: 01 / effektiv: 21.05.1999

particles > 0,5 µm	max. 250	P/ml
assay	28 - 30	%
non-volatile matter	max. 10	ppm
silver (Ag)	max. 0.01	ppm
aluminium (Al)	max. 0.05	ppm
arsenic, antimony (as As)	max. 0.05	ppm
gold (Au)	max. 0.02	ppm
boron (B)	max. 0.01	ppm
barium (Ba)	max. 0.01	ppm
beryllium (Be)	max. 0.01	ppm
bismuth (Bi)	max. 0.02	ppm
calcium (Ca)	max. 0.1	ppm
cadmium (Cd)	max. 0.01	ppm
cobalt (Co)	max. 0.01	ppm
chromium (Cr)	max. 0.01	ppm
copper (Cu)	max. 0.01	ppm
iron (Fe)	max. 0.05	ppm
gallium (Ga)	max. 0.01	ppm
germanium (Ge)	max. 0.05	ppm
indium (In)	max. 0.01	ppm
potassium (K)	max. 0.1	ppm
lithium (Li)	max. 0.01	ppm
magnesium (Mg)	max. 0.05	ppm
manganese (Mn)	max. 0.01	ppm
molybdenum (Mo)	max. 0.01	ppm
sodium (Na)	max. 0.2	ppm
nickel (Ni)	max. 0.01	ppm
lead (Pb)	max. 0.01	ppm
platinum (Pt)	max. 0.02	ppm
tin (Sn)	max. 0.02	ppm
strontium (Sr)	max. 0.01	ppm

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titanium (Ti)	max.	0.01	ppm
thallium (Tl)	max.	0.02	ppm
vanadium (V)	max.	0.01	ppm
zinc (Zn)	max.	0.05	ppm
zirconium (Zr)	max.	0.01	ppm
carbonate (as CO ₂)	max.	10	ppm
chloride (Cl)	max.	0.5	ppm
phosphate (PO ₄)	max.	0.2	ppm
silicate (as SiO ₂)	max.	0.5	ppm
sulfate (SO ₄)	max.	2	ppm
KMnO ₄ red. matter (as O)	max.	5	ppm

The above specification shows our present quality of the material.

We reserve the right to change this specification, if necessary.

We warrant the quality of our products according to our General Conditions of Sale.