

SPEZIFIKATION: 17610 Hydrochloric acid min. 37 %, VLSI PURANAL

Print Date: 16.03.2023 / Revision index: 04 / effektiv: 17.07.2002

particles > 0,5 µm	max. 250	P/ml
assay	37 - 38	%
residue on ignition (SO4)	max. 3	ppm
ammonium (NH4)	max. 1	ppm
silver (Ag)	max. 0.01	ppm
aluminium (Al)	max. 0.05	ppm
arsenic, antimony (as As)	max. 0.01	ppm
gold (Au)	max. 0.02	ppm
boron (B)	max. 0.02	ppm
barium (Ba)	max. 0.01	ppm
beryllium (Be)	max. 0.01	ppm
bismuth (Bi)	max. 0.02	ppm
calcium (Ca)	max. 0.2	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. 0.1	ppm
gallium (Ga)	max. 0.01	ppm
germanium (Ge)	max. 0.05	ppm
indium (In)	max. 0.01	ppm
potassium (K)	max. 0.05	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. 0.1	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

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strontium (Sr)	max.	0.01	ppm
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
bromide (Br)	max.	50	ppm
free chlorine (Cl)	max.	0.5	ppm
phosphate (PO4)	max.	0.5	ppm
sulfate (SO4)	max.	0.5	ppm
sulfite (SO3)	max.	1	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.