



Scharlab s.l.
Tel. int.: +34-93-7151811
Email: lab@scharlau.com

CERTIFICATE OF ANALYSIS

Product: **Perchloric acid, 70%, reagent grade, ACS, ISO**
AC1760

Batch 11754301
Test date 04/05/2010
Shelf life 5/2015

Analysis	Batch value	Guaranteed value
assay (acidimetric)	69,9 %	69 - 72 %
identity	passes test	passes test
colour (Hazen)	6	max. 10
insoluble in ethanol	< 0,001 %	max. 0,001 %
free chlorine (Cl)	< 0,00005 %	max. 0,00005 %
total N	< 0,001 %	max. 0,001 %
chlorates (ClO ₃)	< 0,001 %	max. 0,001 %
chlorides (Cl)	< 0,0003 %	max. 0,0003 %
phosphates, silicates (as SiO ₂)	< 0,0005 %	max. 0,0005 %
sulfates (SO ₄)	< 0,001 %	max. 0,001 %
aluminium (Al)	< 0,000005 %	max. 0,000005 %
arsenic (As)	< 0,000005 %	max. 0,000005 %
barium (Ba)	< 0,000002 %	max. 0,000002 %
beryllium (Be)	< 0,000002 %	max. 0,000002 %
bismuth (Bi)	< 0,00001 %	max. 0,00001 %
cadmium (Cd)	max, 0,000005 %	max, 0,000005 %
calcium (Ca)	< 0,00005 %	max. 0,00005 %
cobalt (Co)	< 0,000005 %	max. 0,000005 %
copper (Cu)	< 0,00001 %	max. 0,00001 %
germanium (Ge)	< 0,000005 %	max. 0,000005 %
heavy metals (as Pb)	< 0,0001 %	max. 0,0001 %
iron (Fe)	< 0,0001 %	max. 0,0001 %
lead (Pb)	< 0,000005 %	max. 0,000005 %
lithium (Li)	< 0,000002 %	max. 0,000002 %
magnesium (Mg)	< 0,00005 %	max. 0,00005 %
manganese (Mn)	< 0,000002 %	max. 0,000002 %
molybdenum (Mo)	< 0,000005 %	max. 0,000005 %
nickel (Ni)	< 0,00001 %	max. 0,00001 %
potassium (K)	< 0,00001 %	max. 0,00001 %
silver (Ag)	< 0,00001 %	max. 0,00001 %
sodium (Na)	< 0,00005 %	max. 0,00005 %
strontium (Sr)	< 0,000002 %	max. 0,000002 %
thallium (Tl)	< 0,000005 %	max. 0,000005 %
titanium (Ti)	< 0,00001 %	max. 0,00001 %
vanadium (V)	< 0,000005 %	max. 0,000005 %
zinc (Zn)	< 0,00001 %	max. 0,00001 %
zirconium (Zr)	< 0,00001 %	max. 0,00001 %
calcination residue (as SO ₄)	< 0,003 %	max. 0,003 %

This certificate does not release the user from the reception control .

This certificate is an electronic copy of the certificate available in our laboratory, and does not require signature

If you need further details, please call at our factory or contact our local distributor.

You can get a copy of any of our COA from our web site: www.scharlau.com