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CERTIFICATE OF ANALYSIS

Product: **Hydrogen peroxide, 30%**, reagent grade, ACS, ISO
HI0136

Batch 11593201
Test date 01/03/2010
Shelf life 2/2015

Analysis	Batch value	Guaranteed value
assay (permanganometric)	30.4 %	30,0 - 32,0 %
colour (Hazen)	1	max. 10
free acid (as H ₂ SO ₄)	0.0003 %	max. 0,004 %
chlorides (Cl)	< 0,00005 %	max. 0,00005 %
nitrates (NO ₃)	< 0,0002 %	max. 0,0002 %
phosphates (PO ₄)	< 0,0001 %	max. 0,0001 %
sulfates (SO ₄)	< 0,0001 %	max. 0,0001 %
total N	< 0,0004 %	max. 0,0004 %
aluminium (Al)	< 0,00005 %	max. 0,00005 %
ammonium (NH ₄)	< 0,0005 %	max. 0,0005 %
arsenic (As)	< 0,000001 %	max. 0,000001 %
barium (Ba)	< 0,000005 %	max. 0,000005 %
beryllium (Be)	< 0,000001 %	max. 0,000001 %
bismuth (Bi)	< 0,00001 %	max. 0,00001 %
cadmium (Cd)	< 0,000001 %	max. 0,000001 %
calcium (Ca)	< 0,00002 %	max. 0,00002 %
chromium (Cr)	< 0,000002 %	max. 0,000002 %
cobalt (Co)	< 0,000001 %	max. 0,000001 %
copper (Cu)	< 0,000001 %	max. 0,000001 %
germanium (Ge)	< 0,000005 %	max. 0,000005 %
heavy metals (as Pb)	< 0,0001 %	max. 0,0001 %
iron (Fe)	< 0,000005 %	max. 0,000005 %
lead (Pb)	< 0,000001 %	max. 0,000001 %
lithium (Li)	< 0,000001 %	max. 0,000001 %
magnesium (Mg)	< 0,000005 %	max. 0,000005 %
manganese (Mn)	< 0,000001 %	max. 0,000001 %
molybdenum (Mo)	< 0,000002 %	max. 0,000002 %
nickel (Ni)	< 0,000002 %	max. 0,000002 %
potassium (K)	< 0,00001 %	max. 0,00001 %
sodium (Na)	< 0,00001 %	max. 0,00001 %
strontium (Sr)	< 0,000001 %	max. 0,000001 %
thallium (Tl)	< 0,000005 %	max. 0,000005 %
titanium (Ti)	< 0,00001 %	max. 0,00001 %
vanadium (V)	< 0,000001 %	max. 0,000001 %
zinc (Zn)	< 0,000005 %	max. 0,000005 %
zirconium (Zr)	< 0,00001 %	max. 0,00001 %
sulfated ash	< 0,002 %	max. 0,002 %
non-volatile matter	0.0005 %	max. 0,002 %

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