



Scharlab S.L.

Tel. int.: +34-93-7151811

Email: scharlab@scharlab.com

CERTIFICATE OF ANALYSIS

Product: **Magnesium chloride hexahydrate**, reagent grade,
MA0036 ACS, ISO, Reag. Ph Eur

Batch 15851402
Quality release date 19/01/2015
Expiry date 1/2020

Analysis	Batch value	Specifications
assay (complexometric)	101,0 %	99,0 - 101,0 %
appearance of solution	passes test	passes test
identity	passes test	passes test
pH (5 %, H ₂ O)	5,52	5,0 - 6,5
insoluble in water	< 0,005 %	max. 0,005 %
acidity/alkalinity	passes test	passes test
total N	< 0,0002 %	max. 0,0002 %
bromides (Br)	< 0,01 %	max. 0,05 %
nitrates (NO ₃)	< 0,001 %	max. 0,001 %
phosphates (PO ₄)	< 0,0005 %	max. 0,0005 %
sulfates (SO ₄)	< 0,002 %	max. 0,002 %
ammonium (NH ₄)	< 0,001 %	max. 0,002 %
aluminium (Al)	< 0,00004 %	max. 0,0002 %
arsenic (As)	< 0,0001 %	max. 0,0002 %
barium (Ba)	< 0,002 %	max. 0,002 %
calcium (Ca)	< 0,001 %	max. 0,003 %
heavy metals (as Pb)	< 0,0003 %	max. 0,0005 %
copper (Cu)	< 0,0005 %	max. 0,0005 %
iron (Fe)	< 0,0001 %	max. 0,0005 %
lead (Pb)	< 0,0003 %	max. 0,0005 %
manganese (Mn)	< 0,0005 %	max. 0,0005 %
potassium (K)	< 0,001 %	max. 0,001 %
sodium (Na)	< 0,001 %	max. 0,001 %
strontium (Sr)	< 0,005 %	max. 0,005 %
zinc (Zn)	< 0,001 %	max. 0,001 %

This certificate does not release the user from their control upon receipt of the goods
You can get a copy of any of our COA from our web site: www.scharlab.com

M. Canet
Laboratory Manager