



Scharlab S.L.

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CERTIFICATE OF ANALYSIS

Product: **tri-Sodium citrate dihydrate**, reagent grade, ACS,
SO0200 ISO, Reag. Ph Eur

Batch 16304802
Quality release date 30/04/2015
Expiry date 4/2020

Analysis	Batch value	Specifications
assay (titration with HClO ₄)	100,41 %	min. 99,5 %
identity	passes test	passes test
appearance of solution	passes test	passes test
insoluble in water	< 0,005 %	max. 0,005 %
pH (5 %, H ₂ O)	8,08	7,5 - 9,0
acidity or alkalinity	passes test	passes test
chlorides (Cl)	< 0,0005 %	max. 0,001 %
oxalates (C ₂ O ₄)	< 0,001 %	max. 0,03 %
phosphates (as PO ₄)	< 0,002 %	max. 0,002 %
sulfates (SO ₄)	< 0,003 %	max. 0,004 %
total nitrogen (as N)	< 0,001 %	max. 0,001 %
ammonium (NH ₄)	< 0,003 %	max. 0,003 %
calcium (Ca)	< 0,002 %	max. 0,005 %
copper (Cu)	< 0,0001 %	max. 0,0005 %
heavy metals (as Pb)	< 0,0001 %	max. 0,0005 %
iron (Fe)	< 0,0005 %	max. 0,0005 %
lead (Pb)	< 0,0001 %	max. 0,0002 %
zinc (Zn)	< 0,0001 %	max. 0,0005 %
substances darkened by H ₂ SO ₄	passes test	passes test
water (K.F.)	12,21 %	11 - 13 %

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