

**Scharlab S.L.**

Gato Pérez, 33. Pol. Ind. Mas d'en Cisa

08181 Sentmenat

☎ +34937456400

✉ helpdesk@scharlab.com

CERTIFICATE OF ANALYSIS

Product	tri-Sodium citrate dihydrate, reagent grade, ACS, ISO, Reag. Ph Eur	Batch	18434702
		Quality release date	26/10/2017
SO0200		Expiry date	10/2022

Analysis	Batch value	Specifications
Assay (titration with HClO ₄)	100,45 %	≥ 99,5
Identity	passes test	passes test
Appearance of solution	passes test	passes test
Insoluble in water	< 0,005 %	≤ 0,005
pH (5 %, H ₂ O)	8,05	7,5 - 9,0
Acidity or alkalinity	passes test	passes test
Chlorides (Cl)	< 0,001 %	≤ 0,001
Oxalates (C ₂ O ₄)	< 0,0010 %	≤ 0,03
Phosphates (as PO ₄)	< 0,002 %	≤ 0,002
Sulfates (SO ₄)	< 0,004 %	≤ 0,004
Total nitrogen (as N)	< 0,001 %	≤ 0,001
Ammonium (NH ₄)	< 0,003 %	≤ 0,003
Calcium (Ca)	< 0,0020 %	≤ 0,005
Copper (Cu)	< 0,0001 %	≤ 0,0005
Heavy metals (as Pb)	< 0,0001 %	≤ 0,0005
Iron (Fe)	< 0,0005 %	≤ 0,0005
Lead (Pb)	< 0,0001 %	≤ 0,0002
Zinc (Zn)	< 0,0001 %	≤ 0,0005
Substances darkened by H ₂ SO ₄	passes test	passes test
Water (K.F.)	11,8 %	11 - 13