



CERTIFICATE OF ANALYSIS

Date: 08/09/13

PRODUCT NAME : tri-SODIUM CITRATE (DIHYDRATE) GR

CAS No	: 6132-04-3	Product code	: 25630
Mol. Formula	: $C_6H_5Na_3O_7 \cdot 2H_2O$	Batch No	: MCRT-7118
Mol. WT	: 294.10	Mfd.	: Sept. 2013

S. R	Test	Specification	Observation
1	Assay (HClO ₄ titration)	99.0% w/w min	99.87% w/w
2	pH (5% aq.solution)	7.5 - 9.0	8.56
3	Water insoluble matter	0.003% max	0.0017%
4	Chloride (Cl)	0.005% max	<0.005%
5	Sulphate (SO ₄)	0.005% max	<0.005%
6	Phosphate (PO ₄)	0.001% max	<0.001%
7	Lead (Pb)	0.0005% max	<0.0005%
8	Iron (Fe)	0.0005% max	<0.0005%
9	Ammonium(NH ₄)	0.001% max	<0.001%
10	Oxalate(C ₂ O ₄)	0.01% max	<0.01%
11	Arsenic (As)	0.00004% max	<0.00004%
12	Copper (Cu)	0.0005% max	<0.0005%
13	Potassium (K)	0.01% max	<0.01%
14	Reducing substance	Passes test	Passes test
15	Readily carbonizable substance	Passes test	Passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign

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