



CERTIFICATE OF ANALYSIS

PRODUCT NAME : tri-SODIUM CITRATE (DIHYDRATE) AR

CAS No : 6132-04-3

Mol. Formula : $C_6H_5Na_3O_7 \cdot 2H_2O$

Mol. WT : 294.10

Date of analysis : 25/03/23

Product code : 25630

Batch No. : MCRT-27959

Mfd. : March 2023

Exp. : Feb. 2028

S.R	Test	Specification	Observation
1	Description	White crystals or crystalline powder.	White crystalline powder.
2	Assay (HClO₄ titration)	99.0% w/w min	99.40% w/w
3	pH (5% aq.solution)	7.5 - 9.0	8.36
4	Water insoluble matter	0.003% max	0.001%
5	Chloride (Cl)	0.005% max	<0.005%
6	Sulphate (SO₄)	0.005% max	<0.005%
7	Phosphate (PO₄)	0.001% max	<0.001%
8	Iron (Fe)	0.0005% max	<0.0005%
9	Ammonium(NH₄)	0.001% max	<0.001%
10	Lead (Pb)	0.0005% max	<0.0005%
11	Oxalate(C₂O₄)	0.01% max	<0.01%
12	Arsenic (As)	0.00004% max	<0.00004%
13	Copper (Cu)	0.0005% max	<0.0005%
14	Potassium (K)	0.01% max	<0.01%
15	Reducing substance	Passes test	Passes test
16	Readily carbonizable substance	Passes test	Passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Deepa)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**