



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 : 15/09/23

Product code : 25630
Batch No. : MCRT-26063-01
Mfd. : Sept. 2023
Exp. : Aug. 2028

S. R	Test	Specification	Observation
1	Description	White crystals or crystalline powder.	White crystalline powder.
2	Assay ($HClO_4$ titration)	99.0% w/w min	99.17% w/w
3	pH (5% aq.solution)	7.5 - 9.0	8.63
4	Water insoluble matter	0.003% max	0.002%
5	Chloride (Cl)	0.005% max	<0.005%
6	Sulphate (SO_4)	0.005% max	<0.005%
7	Phosphate (PO_4)	0.001% max	<0.001%
8	Iron (Fe)	0.0005% max	<0.0005%
9	Ammonium(NH_4)	0.001% max	<0.001%
10	Lead (Pb)	0.0005% max	<0.0005%
11	Oxalate(C_2O_4)	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
(Ruchi)**

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

Note: Computer generated image requires no sign.

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

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