

Certificate of Analysis



Tri-SODIUM CITRATE AR (Dihydrate)

Lot No.	: S0051A-2506017	Product No.	: S0051A
Pack Size	: 25 KG	CAS Number	: 6132-04-3
Mfg. Month & Year	: Jun - 2025	Molecular Weight (g/mol)	: 294.1
Exp. Month & Year	: July - 2030	Molecular Formula	: C ₆ H ₅ Na ₃ O ₇ ·2H ₂ O

Test	Specifications	Result
DESCRIPTION	White crystals or crystalline powder.	Complies
SOLUBILITY	Solution of 5 g in 50 ml of water is clear and colourless.	Complies
GUARANTEE ANALYSIS		
ASSAY	NLT 99.0 %	99.82%
pH(5% aqueous solution)	NLT 8.5	8.62
MAXIMUM LIMITS OF IMPURITIES		
SUBSTANCE INSOLUBLE IN WATER	NMT 0.003%	0.0015%
CHLORIDE(Cl)	NMT 0.001%	=< 0.001%
SULPHATE(SO ₄)	NMT 0.003%	=< 0.003%
PHOSPHATE(PO ₄)	NMT 0.002%	=< 0.002%
OXALATE	NMT 0.01%	=< 0.01%
TOTAL NITROGEN	NMT 0.001%	=< 0.001%
ARSENIC(As)	NMT 0.00004%	=< 0.00004%
COPPER(Cu)	NMT 0.00005%	=< 0.00005%
HEAVY METALS (as Pb)	NMT 0.0005%	=< 0.0005%
IRON(Fe)	NMT 0.0005%	=< 0.0005%
POTASSIUM(K)	NMT 0.01%	0.0038%
READILY CARBONISABLE SUBSTANCES	Passes Test	Complies
REDUCING SUBSTANCES	Passes Test	Complies

REMARKS:

This above product complies as per the specifications of RYZE CHEMIE INTERNATIONAL.

Approved By

Head -Quality Control

Computer Generated Report - Does not require Signature.

Plot No.W-68, Mankivali MIDC,
Badlapur (East),
Dist-Thane.
PIN - 421503, Maharashtra

RYZE CHEMIE

www.ryzechemie.com
+91- 99-3006-04-04