



Pallav Chemicals & Solvents Pvt. Ltd

Manufacturers of Laboratory Fine Chemicals

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Factory: N-226 Near Kumbhavali Naka, Tarapur MIDC, Boisar - 401506. • Email: sales@pallavchemicals.com

CERTIFICATE OF ANALYSIS

Product Name	:	TRI-SODIUM CITRATE AR (DIHYDRATE)
Code No.	:	02393
Batch No.	:	PC/0743/19-3
Mfg. Date	:	NOV-2019
Date Of Analysis	:	09/11/2019
Retest Date	:	OCT-2024

TEST	SPECIFICATION	RESULT
Appearance	White crystalline powder	White crystalline powder
Assay (by HClO ₄ titration)	99 - 100.5%	99.10%
Identity	Passes test	Passes test
Appearance of solution (100 g/L)	Clear and colorless	Clear and colorless
Insoluble matter	Max 0.005%	0.0025%
Acidity or alkalinity	Passes test	Passes test
pH (50 mg/mL in water; 25°C)	7.5 - 9.0	8.15
Chloride (Cl)	Max 0.003%	0.001%
Sulphate (SO ₄)	Max 0.005%	0.003%
Heavy metals (by ICP-OES)	Max 0.0005%	0.0002%
Iron (Fe)	Max 0.0005%	0.0002%
Oxalate (as C ₂ H ₂ O ₄)	Max 0.01%	0.008%
Tartarate (C ₄ H ₆)	Passes test	Passes test
Readily carbonisable substance	Passes test	Passes test
Ammonium (NH ₄)	Max 0.003%	0.0021%
Calcium (Ca)	Max 0.005%	0.003%
Water (by KF)	11.0 - 13.0%	11.48%
Loss on drying (180°C; 18 hrs)	10.0 - 13.0%	11.94%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on **sales@pallavchemicals.com** or call on **022 4928 4000**

Website: www.pallavchemicals.com

