

Pallav) Pallav Chemicals & Solvents Pvt. Ltd.

Manufacturers of Laboratory Fine Chemicals

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## **CERTIFICATE OF ANALYSIS**

Product Name	:	TRI-POTASSIUM CITRATE MONOHYDRATE 99% EXTRAPURE	
Code No.	:	02092	
Batch No.	:	PC12222325	
Mfg. Date	:	DEC-2022	
Date Of Analysis	:	31/12/2022	
Retest Date	:	NOV-2027	

TEST	SPECIFICATION	RESULT
Appearance	White crystalline powder	White crystalline powder
Assay (by HClO <sub>4</sub> titration)	98 - 100.5%	99.99%
pH (5% solution in water)	7.5 - 9.0	8.12
Appearance of solution	Passes test	Passes
Insoluble matter in water	Max 0.025%	0.011%
Acidity or alkalinity	Passes test	Passes
Chloride (Cl)	Max 0.005%	Less than 0.005%
Oxalate (as $C_2H_2O_4$ )	Max 0.03%	Less than 0.03%
Sulphate (SO <sub>4</sub> )	Max 0.01%	Less than 0.01%
Tartarate ( $C_4H_6$ )	Passes test	Passes
Heavy metal (as Pb)	Max 0.001%	Less than 0.001%
Arsenic (As)	Max 0.0002%	Less than 0.0002%
Sodium (Na)	Max 0.3%	Less than 0.3%
Readily carbonisable substance	Passes test	Passes
Water (H <sub>2</sub> O)	4.0 - 7.0%	6.36%

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