

Chem-Impex International, Inc.

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Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	01167
Product	Citric acid trisodium salt dihydrate
Lot Number	000347-0037138344
	Sodium citrate dihydrate
CAS Number	6132-04-3
Molecular Formula	C ₆ H ₅ O ₇ Na ₃ •2H ₂ O
Molecular Weight	294.1

Appearance	White granules
Odor	Passes test
Heavy Metals	< 10 ppm
Anion	Chloride (Cl) : < 50 ppm Oxalate (C ₂ O ₄) : < 300 ppm
Cation	Arsenic (As) : < 2 ppm Sulfate (SO ₄) : < 150 ppm Lead (Pb) : < 2 mg/kg
pH	8.5
Alkalinity	Passes test
Insoluble	Evaluation : Passes test
Loss on Drying	12.2%
Particle Size	Pass through 80 sieve : 0.8 Pass through 16 sieve : 0.0
Related Substances	Readily carbonizable substance : Passes test
Assay (anhydrous basis)	99.9%
Grade	Meets USP specification
Storage	Store at RT
Additional Information	Identification : Passes test Test for A, B and C : Passes test Tartrate : Passes test

Certificate of Analysis

Catalog Number: 01167

Lot Number: 000347-0037138344

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager