

EAST CHEMSOURCES LIMITED
No.666 Haibin 12th Road, Huangdao, Qingdao, China

CERTIFICATE OF ANALYSIS

Product: Citric Acid Monohydrate
Net Weight:22000KGS
Batch No.:20190610
Date of Manufacturer:Jun.10,2019
Date of Analysis:Jun.12,2019
Date of Expiry:Jun.09,2021

Tests	Specifications	Results
Characteristics	Colorless or white crystalline powder	Complies
Identification	Pass the test	Complies
Clarity and color of solution	Pass the test	Complies
Barium	Pass the test	Complies
Calcium	≤200PPM	<200ppm
Heavy metals	≤10PPM	<10ppm
Iron	≤50PPM	<50ppm
Chloride	≤50PPM	<50ppm
Sulphates	≤150PPM	<150ppm
Oxalate	≤350PPM	<350ppm
Readily carbonisable substances	Pass the test	Complies
Sulphated ash	≤0.05-0.1%	0.05%
Arsenic	≤1PPM	<1ppm
Lead	≤1PPM	<1ppm
Mercury	≤1PPM	<1ppm
Bacterial endotoxins	≤0.5 I.U./MG	<0.5 I.U./MG
Foreign matters	Pass the test	Complies
Aluminum	≤0.2PPM	<0.1ppm
Water	7.5%~9.0%	8.58%
Assay	99.5%~101.0%	99.97%

Results: This product fulfills specifications

Analyst: 04

Checker: 02

Supervisor: 01

EAST CHEMSOURCES LIMITED
伊特实业有限公司

Signature

Authorized Signature