

Certificate of Analysis

Product Name: Citric Acid Monohydrate
 Molecular Formula: $C_6H_8O_7 \cdot H_2O$
 CAS No.: 5949-29-1
 Packing: In 25 kg Bag
 Quantity: 50T

Report No.: QXNM-2021-100408
 Batch No.: M02109064
 Mesh No.: 8-40 mesh
 Production Date: SEP.29.2021
 Expiry Date: SEP.28.2024

Item	Unit	Quality Standards	Analysis Results
Characters	---	White or almost white, crystalline powder, colourless crystals or granules. Odorless, has a strongly acid taste. effloresces in dry air. Very soluble in water, freely soluble in ethanol.	Pass
Identification	---	Pass Test	Pass
Appearance of solution	---	Pass Test	Pass
Assay	%	99.5~ 100.5	99.8
Water	%	7.5~ 8.8	8.64
Readily Carbonisable Substances	---	Pass Test	Pass
Sulphated Ash (Residue on Ignition)	%	≤ 0.05	0.02
Sulfate	mg/kg	≤ 150	<150
Oxalate	mg/kg	≤ 100	<100
Lead	mg/kg	≤ 0.5	<0.05
Arsenic	mg/kg	≤ 1.0	<0.3
Mercury	mg/kg	≤ 1.0	<0.5
Aluminium	mg/kg	≤ 0.2	<0.2
Heavy Metals	mg/kg	≤ 5.0	<5.0
Bacterial endotoxins	IU/mg	≤ 0.5	<0.5
Conclusion: The product is in conformity with BP/USP/FCC/E330			

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