



Citric Acid Monohydrate Analysis

Item	Standards	Result
Characteristic	White or almost white, crystalline powder, colorless crystals or granules, Odorless, has a strongly acid taste, efflorescens 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	100.0
Water	7.5~8.8	8.7
Readily carbonisable substances	Pass test	pass
Sulphated ash (Residue on Ignition)	≤0.05	0.02
Sulfate	≤150	<150
Oxalate	≤100	<100
Lead	≤0.5	<0.5
Arsenic	≤1	<1
Mercury	≤1	<1
Aluminium	≤0.2	<0.2
Heavy metals	≤10	<10
Bacterial endotoxins	<0.5	<0.5

QC PASSED