

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	01448
Lot Number	003392-2291631
Product	Fumaric acid
CAS Number	110-17-8
Molecular Formula	C ₄ H ₄ O ₄
Molecular Weight	116.07

Appearance	White powder to crystal
Color (APHA)	< 10
Heavy Metals	< 10 ppm (Pb)
Cation	Lead (Pb) : < 2%
Water Content (Karl Fisher)	0.32%
Particle Size	US#30 (600µm) : 0% US#100 (150µm) : 4.5%
Organic Volatile Impurities	Passes test
Related Substances	Malic acid : 0.28% Maleic acid : 0.01%
Residue On Ignition	< 0.1%
Assay	100.11%
Storage	Store at RT
Additional Information	Flowability : Passes test Identity : Passes test
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



Bala Kumar
Quality Control Manager