



SILVER FERN
CHEMICAL

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Typical Specification

Fumaric Acid, Food Grade

PARAMETER	SPECIFICATION
Molecular Weight	116.07 g/ mole
Appearance	White or nearly white crystals or powder
Identification	Comply with standard scan
Assay (Dry basis)	NLT 99.5% and NMT 100.5% of C ₄ H ₄ O ₄
Water Content	NMT 0.5% m/m
Maleic Acid	NMT 0.1% m/m
Heavy Metals as Pb	NMT 10 mg/kg
Lead	NMT 2 mg/kg
Arsenic	NMT 3 mg/kg
Mercury	NMT 1 mg/kg
Residue on Ignition (Sulphated Ash)	NMT 0.1% m/m
Color in Solution (5% in Ethanol)	NMT 10 Hazen units
Particle Size Distribution (PSD)	
Coarse	NLT 95% thru 600 um
Fine	NLT 95% thru 250 um
MICROBIOLOGICAL SPECIFICATION	
TVC / g (cfu)	10 max
TotalYeast / g (cfu)	10 max
Total Mold / g (cfu)	10 max
Coliforms / g (cfu)	Absent
E. Coli / g (cfu)	Absent
Salmonella / 25g (cfu)	Absent

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