

Certificate of Analysis

Product: Lactic Acid Powder

INCI: Stearic Acid

Lot No.: BPCLAP12026

CAS Number: 50-21-5

Molecular Weight: 90.08 g/mol

Molecular Formula: C₃H₆O₃

Best Before: January 2029

Country of Origin: India

ITEM	SPECIFICATION	TEST RESULTS
Assay	85%	85.10%
Appearance	White Powder	Passes test
Ether-insoluble substances	Passes test	Passes test
Methanol	Max. 0.2%	< 0.2%
Calcium salt	No turbidity	< 100 ppm
Sulphates	Max 10 ppm	< 10 ppm
Chlorides	Max 10 ppm	< 10 ppm
Residue on ignition	Max 0.05%	< 0.02%
Iron	Max 10 ppm	< 10 ppm
Total heavy metals	Max 10 ppm	< 10 ppm
Lead	Max 0.5 ppm	< 0.5 ppm
Arsenic	Max 1 ppm	< 1 ppm
Mercury	Max 1 ppm	< 1 ppm
Cyanide	Max 5 ppm	< 5 ppm
Limit of Citric, Oxalic, Phosphoric and Tartaric Acid	No turbidity	Passes test
Reducing sugars	No red sediment	Passes test

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Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada

Email: info@botanicplanet.ca www.botanicplanet.ca