



宁波金展生物科技有限公司
NINGBO JINZHAN BIOTECHNOLOGY CO.,LTD
URL: www.chinatartaricacid.com

Certificate of Analysis

Commodity: D -tartaric acid

Cas No: 147-71-7

Batch no: 5E50722023

Quantity:20000kg

Production date: 2022.04.22

Shelf life: 24 Months

Test Items	Specifications	Test Results
Identification test	Pass Test	Passes Test
Clarity Test	Pass Test	Passes Test
Appearance	White crystals or powder	Accordance
Assay	99.5 % min	99.9 %
Specific Rotation [α] _D (20°C)	-12.0 ° ~ -12.8 °	-12.2 °
Heavy metal(Pb)	10 PPM max	< 10 PPM
Oxalate Test	Pass Test	Pass Test
Residue on Ignition	0.1% max	0.04 %
Arsenic	2 ppm max	< 2 ppm
Loss on drying	0.5% max	0.2 %

Conclusion: Complies with the requirement.

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鄭乾坤