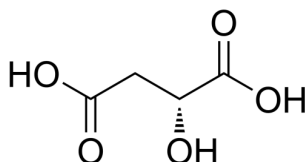


Certificate of Analysis

Compound Information

Product Name:	D-(+)-Malic acid
Cat. No.:	1038701
CAS No.:	636-61-3
Molecular Formula:	C ₄ H ₆ O ₅
Molecular Weight:	134.09
Chemical Structure:	



Batch Information

Batch No.:	Lf0730157427
Storage:	2-8°C, sealed storage, away from moisture
Test Date:	2022-07-30
Retest Date:	2025-07-29
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
Water(KF):	0.34%
Residue on Ignition:	0.09%
OR(C=5.5 g/100mL,Pyridine):	1.30°
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

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