



SHANDONG ZHISHANG CHEMICAL CO.,LTD.

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Certificate of Analysis


DL-Mandelic acid CAS: **90-64-2**

Lot No: 20160825

Inspection date: 2016-08-25

MFGR DATE: 2016-08-25

EXPIRY DATE: 2018-08-24

Test Item	Specification	Result
Appearance	White crystal powder	White crystal powder
Solubility	Soluble in water and ether	Soluble in water and ether
Assay(on dry basis)	99.0%min	99.83%
Melting point	118 °C~121 °C	118.4 °C ~119.0 °C
Assay (Cl-)	0.01% max	Conform
Heavy metal	≤20ug/g	Conform
Residue on ignition	0.1% max	0.04%
Loss in drying	0.5% max	0.15%
Conclusion	It complies with Enterpris Standard 泰安市智尚经贸有限公司 TAI'AN CITY ZHI SHANG TRADE CO.LTD 总经理:  GENERAL MANAGER:WANG DONG JUN	

Analyst: Jun Wang

Checker: Peng Han

Authorized Signatory: Jing Sun