



ZIBO KUNRAN ENTERPRISES CO LTD.

淄博坤然国际贸易有限公司

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CERTIFICATE OF ANALYSIS

PRODUCT: L-(-)-Dibenzoyl-L-tartaric acid

CAS No.: 2743-38-6

QUANTITY: 500KG

BATCH NO.: 20141210

PARKING: 25KGS NET/Carton

MANUFACTURE DATE: 2014.12.10

Retest Date: 2015.12.11

REPORT DATE: 2014.12.12

Item	Inspection Standard	Results
Appearance	White to off-white crystalline powder	Conforms
Specific rotation	$[\alpha]_D^{20} = -114.0^\circ \sim -117.0^\circ$	-115.4°
Melting point	153.0°C—156.0°C	155.0°C
Water	$\leq 0.50\%$	0.38%
Purity (HPLC)	$\geq 99.0\%$	99.51%

Conclusion: This product is complied with the Enterprises Standard and Qualified

Analyst: Ru Jiang

Analysis Director: Changbo Wang