

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-20 15:29:42
 Date of Next Testing: 2028-02-19 15:29:42
 Product Name: **Di-P-Toluoyl-D-Tartaric Acid monohydrate**
 CAS Number: 71607-32-4
 Specifications & Purity: $\geq 99\%$
 Lot #: E2008113
 SKU #: **D189190**
 Version: **0**
 Analysis #: **321270**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	4.96820 %
Purity(HPLC)	99-100 (%)	99.80100 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	140-146 ($^{\circ}$)	143.14300 $^{\circ}$
Appearance (D189190)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager