

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-17 09:18:41

Date of Next Testing: 2029-10-16 09:18:41

Product Name: **Di-P-Toluoyl-D-Tartaric Acid monohydrate**

CAS Number: 71607-32-4

Specifications & Purity: $\geq 99\%$

Lot #: J2514460

SKU #: **D189190**

Version: **0**

Analysis #: **504297**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	4.32210 %
Purity(HPLC)	99-100 (%)	99.45600 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	140-146 ($^{\circ}$)	140.20200 $^{\circ}$
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