

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-21 17:12:05
 Date of Next Testing: 2028-10-20 17:12:05
 Product Name: **Di-p-toluoyl-D-tartaric acid monohydrate**
 CAS Number: 71607-31-3
 Specifications & Purity: $\geq 98\%$
 Lot #: C1315052
 SKU #: **T120025**
 Version: **1**
 Analysis #: **424248**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.10000 %
Water by Karl Fischer	3-6 (%)	3.00000 %
Specific rotation $[\alpha]_{20/D}(C=1\%, \text{Methanol})$	138-146 ($^{\circ}$)	142.00000 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager