

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-03 15:00:48

Date of Next Testing: 2028-07-02 15:00:48

Product Name: **Di-p-toluoyl-L-tartaric acid**

CAS Number: 32634-66-5

Specifications & Purity: $\geq 97\%$

Lot #: L1211016

SKU #: **D107981**

Version: **2**

Analysis #: **379913**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in EtOH})}$	-143--136 (°)	-136.70000 °
Purity(HPLC)	97-100 (%)	99.10000 %
Purity(Neutralization titration)	96.5-103.5 (%)	97.20000 %
Appearance (D107981)	White to off-white or yellow powder	White to off-white or yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager