

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-27 14:24:10

Date of Next Testing: 2027-09-26 14:24:10

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

CAS Number: 32634-66-5

Specifications & Purity: $\geq 97\%$

Lot #: I2321354

SKU #: **D107981**

Version: **2**

Analysis #: **272799**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in EtOH})}$	-143--136 (°)	-139.17200 °
Purity(HPLC)	97-100 (%)	99.62200 %
Purity(Neutralization titration)	96.5-103.5 (%)	100.10000 %
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