

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-30 16:52:35
 Date of Next Testing: 2026-03-29 16:52:35
 Product Name: **Sodium (+)-10-Camphorsulfonate**
 CAS Number: 21791-94-6
 Specifications & Purity: $\geq 98\%$
 Lot #: C23241420
 SKU #: **S182830**
 Version: **0**
 Analysis #: **170303**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in H}_2\text{O})}$	17-20 ($^\circ$)	17.55500 $^\circ$
Purity(HPLC)	98-100 (%)	98.47000 %
Appearance (S182830)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
ICP:Confirms Sodium Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager