

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-30 20:21:43

Date of Next Testing: 2026-03-29 20:21:43

Product Name: **Sodium (+)-10-Camphorsulfonate**

CAS Number: 21791-94-6

Specifications & Purity: $\geq 98\%$

Lot #: C23241427

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