

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-15 17:51:16

Date of Next Testing: 2027-03-14 17:51:16

Product Name: **Heptyl p-Toluenesulfonate**

CAS Number: 24767-82-6

Specifications & Purity: 98%

Lot #: C2311290

SKU #: **H157122**

Analysis: **178351**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.496-1.503	1.50
Purity(GC)	98-100 (%)	98.54 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager