

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-16 20:34:41

Date of Next Testing: 2027-03-15 20:34:41

Product Name: **(R)-(+)-1-(p-Tolyl)ethylamine**

CAS Number: 4187-38-6

Specifications & Purity: 98%

Lot #: C2311468

SKU #: **R160847**

Analysis: **200490**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.16 %
Specific Rotation [α] _{20/D} (c=Neat)	34.5-38.5 (°)	34.51 °
Refractive index n _{20/D}	1.52-1.522	1.52
Appearance (R160847)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager