

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-17 09:17:22

Date of Next Testing: 2025-08-16 09:17:22

Product Name: **(R)-(+)-Styrene oxide**

CAS Number: 20780-53-4

Specifications & Purity: $\geq 97\%$, $\geq 97\%$ (ee)

Lot #: H2308632

SKU #: **I133271**

Version: **2**

Analysis #: **250203**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Enantiomeric excess (HPLC)	97-100 (%)	98.56600 %
Density (20°C)	1.053-1.057	1.05600
Refractive index n _{20/D}	1.534-1.538	1.53440
Specific Rotation [α] _{20/D} (c=Neat)	31-34 (°)	33.98000 °
Purity(GC)	97-100 (%)	97.28400 %
Appearance (I133271)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager