

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-10 17:53:32

Date of Next Testing: 2028-07-09 17:53:32

Product Name: **Cyrene™**

CAS Number: 53716-82-8

Specifications & Purity: $\geq 98.5\%$

Lot #: G2501300

SKU #: **C478499**Version: **2**Analysis #: **487553**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.20000 %
Purity(GC)	98.5-100 (%)	99.00000 %
BioRenewable Carbon	70-100 (%)	100.00000 %
Specific rotation $[\alpha]_{20/D}(C=1 \text{ in EtOAc})$	275~-225 (°)	-249.60000 °
Appearance(C478499)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager