

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-06 13:57:30

Date of Next Testing: 2029-08-05 13:57:30

Product Name: **Mesityl oxide**

CAS Number: 141-79-7

Specifications & Purity: $\geq 95\%$

Lot #: G2531184

SKU #: **M105927**

Version: **0**

Analysis #: **546226**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.2 (%)	0.10500 %
Refractive index n _{20/D}	1.442-1.447	1.44540
beta-isome	4-5 (%)	4.52800 %
Density (20°C)	0.855-0.858	0.85680
Purity(GC)	95-100 (%)	98.81800 %
Appearance (M105927)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager