

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-06 13:35:36

Date of Next Testing: 2029-08-05 13:35:36

Product Name: **Mesityl oxide**

CAS Number: 141-79-7

Specifications & Purity:  $\geq 90\%$

Lot #: G2531178

SKU #: **M105928**

Version: **0**

Analysis #: **552168**

Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 90-100 (%)            | 98.81800 %            |
| Refractive index n <sub>20</sub> /D | 1.443-1.446           | 1.44540               |
| Density (20°C)                      | 0.854-0.857           | 0.85680               |
| Appearance (M105928)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |
| Remainer (4-methyl-4-penten-2-one)  | Conforms              | Conforms              |



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