

## Certificate of Analysis

Date of Testing: 2025-02-07 14:03:31

Date of Next Testing: 2029-02-06 14:03:31

Product Name: **Mesityl oxide**

CAS Number: 141-79-7

Specifications & Purity:  $\geq 90\%$

Lot #: B2505031

SKU #: **M105928**

Version **0**

Analysis #: **044992**

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 90-100 (%)            | 92.40 %               |
| Refractive index n <sub>20</sub> /D | 1.443-1.446           | 1.44                  |
| Density (20°C)                      | 0.854-0.857           | 0.86                  |
| 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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