

Department: Quality Control

Document No: LCPL/QSD/QAD/11

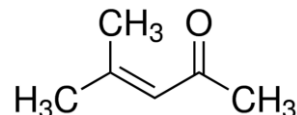
SOP No.: SOP/QC/11-M078

**SPECIFICATION : MESITYL OXIDE LR**

|              |            |             |            |          |           |
|--------------|------------|-------------|------------|----------|-----------|
| Issue date   | 16/04/2018 | Review date | 15/04/2023 | Location | All Units |
| Version No.: | 00         | Supersedes  | --         | Page No  | 1 of 1    |

**PRODUCT DETAILS**

|   |                     |   |
|---|---------------------|---|
| 1 | Molecular Formula   | $(\text{CH}_3)_2\text{C}=\text{CHCOCH}_3$ |
| 2 | Product code        | M078                                      |
| 3 | Molecular weight    | 98.14                                     |
| 4 | CAS No              | 141-79-7                                  |
| 5 | Risk Statement No   | 11-20/21/22                               |
| 6 | Safety Statement No | 25  |
| 7 | UN No.              | UN1229                                    |



**PACKING DETAILS**

|   |              |           |
|---|--------------|-----------|
|   | Product code | Pack size |
| 1 | M07830       | 500 mL    |

**PRODUCT SPECIFICATION**

**SL. No. TEST PARAMETERS**

|   |                          |
|---|--------------------------|
| 1 | Description              |
| 2 | Assay                    |
| 3 | Weight per mL at 20°C    |
| 4 | Refractive index at 20°C |
| 5 | Boiling range            |

**LIMITS**

|                             |
|-----------------------------|
| Colourless to yellow liquid |
| Not less than 99.0%         |
| Between 0.853g and 0.858 g  |
| Between 1.443 and 1.447     |
| Between 128°C and 130°C     |

**SAFETY SYMBOLS**



Toxic



Flammable