

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

|                          |                                                         |
|--------------------------|---------------------------------------------------------|
| <b>Catalogue Number</b>  | 31543                                                   |
| <b>Lot Number</b>        | 000703-152648                                           |
| <b>Product</b>           | <b>Dimethyl malonate</b><br>Malonic acid dimethyl ester |
| <b>CAS Number</b>        | 108-59-8                                                |
| <b>Molecular Formula</b> | C <sub>5</sub> H <sub>8</sub> O <sub>4</sub>            |
| <b>Molecular Weight</b>  | 132.11                                                  |

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|------------------------------------|--------------------------------------------------------------------------------------|
| <b>Appearance</b>                  | Colorless to pale yellow liquid                                                      |
| <b>Solubility</b>                  | Insoluble in water, soluble in alcohol.                                              |
| <b>Boiling point</b>               | 182 °C                                                                               |
| <b>Flash Point</b>                 | 194 °C                                                                               |
| <b>Water Content (Karl Fisher)</b> | 0.01%                                                                                |
| <b>Acid value</b>                  | 0.002%                                                                               |
| <b>Assay</b>                       | 99.8%                                                                                |
| <b>Storage</b>                     | Store at RT                                                                          |
| <b>Remarks</b>                     | See material safety data sheet for additional information<br>For laboratory use only |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager