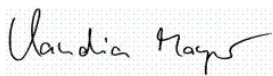


# Certificate of Analysis

**Product Name:** DIMETHYL MALEATE, 96%  
-  
**Product Number:** 238198  
**Product Brand:** Aldrich  
**Molecular Formula:** C<sub>6</sub>H<sub>8</sub>O<sub>4</sub>  
**Molecular Mass:** 144.13  
**CAS Number:** 624-48-6

| TEST                            | SPECIFICATION         | LOT S39498V RESULTS   |
|---------------------------------|-----------------------|-----------------------|
| APPEARANCE - COLOUR             | COLOURLESS            | COLOURLESS            |
| APPEARANCE - STATE              | LIQUID                | LIQUID                |
| IR SPECTROSCOPY - FTIR SPECTRUM | CONFORMS TO STRUCTURE | CONFORMS TO STRUCTURE |
| GAS CHROMATOGRAPHY - PURITY     | >=95.5 %              | 97.7 %                |
| QC RELEASE DATE                 | 28/DEC/2006           |                       |



Claudia Mayer, Manager  
Quality Control  
Steinheim, Germany

Sigma-Aldrich warrants, that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice for additional terms and conditions of sale. The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.