

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

1-Phenyl-1,2-propanedione - 98%, FG

Product Number:

W322601

CAS Number:

579-07-7

MDL:

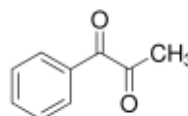
MFCD00008755

Formula:

C<sub>9</sub>H<sub>8</sub>O<sub>2</sub>

Formula Weight:

148.16 g/mol



### TEST

### Specification

Appearance (Color)

Faint Yellow to Very Dark Yellow

Appearance (Form)

Liquid

Refractive index at 20 °C

1.530 - 1.534

Infrared spectrum

Conforms to Structure

Purity (GC)

≥ 97.5 %

Specific Gravity

1.090 - 1.110

at 25 deg C

Arsenic (As)

≤ 3.0 ppm

Cadmium (Cd)

≤ 1.0 ppm

Mercury (Hg)

≤ 1.0 ppm

Lead (Pb)

≤ 10.0 ppm

Expiration Date Period

5 Years

Specification: PRD.1.ZQ5.10000031236

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.