

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:

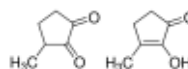
Methyl cyclopentenolone – anhydrous, natural, 97%, FG

Product Number:

W270015

CAS Number:

80-71-7



Formula:

C<sub>6</sub>H<sub>8</sub>O<sub>2</sub>

Formula Weight:

112.13 g/mol

### TEST

### Specification

Appearance (Color)

White to Off White

Appearance (Form)

Powder or Crystals

Melting point by DSC

104 - 108 °C

Infrared spectrum

Conforms to Structure

Purity (GC)

≥ 97.50 %

Organoleptics

Pass

Solubility (Turbidity)

Clear to Slightly Hazy

200mg/ml in 90% Ethanol

Solubility (Color)

Colorless to Yellow

Arsenic (As)

≤ 3 ppm

Cadmium (Cd)

≤ 1 ppm

Mercury (Hg)

≤ 1 ppm

Lead (Pb)

≤ 10 ppm

Expiration Date Period

5 Years

Specification: PRD.5.ZQ5.10000033457

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.