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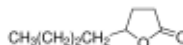
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

 $\gamma$ -Octalactone -  $\geq 97\%$ , FCC, FG

**Product Number:** W279609  
**Batch Number:** MKCC8654  
**Brand:** ALDRICH  
**CAS Number:** 104-50-7  
**MDL Number:** MFCD00005402  
**Formula:** C<sub>8</sub>H<sub>14</sub>O<sub>2</sub>  
**Formula Weight:** 142.20 g/mol  
**Quality Release Date:** 04 APR 2017  
**Expiration Date:** MAR 2022



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Refractive index at 20 °C	1.443 - 1.447	1.445
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	$\geq 97.0\%$	99.2 %
Specific Gravity At 25°C	0.970 - 0.980	0.977
Acid Value	$\leq 8.0$ ml	0.2 ml
Arsenic (As)	$\leq 3.0$ ppm	< 1.0 ppm
Cadmium (Cd)	$\leq 1.0$ ppm	< 1.0 ppm
Mercury (Hg)	$\leq 1.0$ ppm	< 1.0 ppm
Lead (Pb)	$\leq 10.0$ ppm	< 1.0 ppm
Expiration Date Period 5 Years	-----	-----

Michael Grady, Manager  
 Quality Control  
 Milwaukee, WI US

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. 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.