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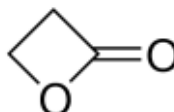
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

 β -Propiolactone - Grade II, $\geq 90\%$

Product Number: P5648
Batch Number: SLBR8147V
Brand: SIGMA
CAS Number: 57-57-8
MDL Number: MFCD00005169
Formula: C₃H₄O₂
Formula Weight: 72.06 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 12 JUL 2016



Test	Specification	Result
Appearance (Turbidity)	Clear	Clear
Appearance (Form)	Liquid	Liquid
Proton NMR	$\geq 90\%$	$> 97\%$
Purity (GC)	$\geq 90\%$	98 %



Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri 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.