

Certificate of Analysis

Date of Testing: 2023-05-08 13:52:43

Date of Next Testing: 2027-05-07 13:52:43

Product Name: **Ethyl 3-Methyl-3-phenylglycidate (mixture of isomers)**

CAS Number: 77-83-8

Specifications & Purity: $\geq 95.0\%$ (GC) ,(Cis+Trans)

Lot #: G1918229

SKU #: **A117705**

Analysis: **219219**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.504-1.513	1.51
Cadmium(Cd)	0-1 (ppm)	0.02 ppm
(As)Arsenic	0-3 (ppm)	0.01 ppm
Mercury(Hg)	0-1 (ppm)	0.30 ppm
Lead(Pb)	0-1 (ppm)	0.00 ppm
Purity(Cis+Trans)	95-100 (%)	97.42 %
Acid Value	0-2 (ml)	0.53 ml
Density (25°C)	1.086-1.112	1.10
Appearance (A117705)	colorless to pale yellow liquid	colorless to pale yellow liquid
Solubility, Colorless to Faint Yellow, Clear, 1ml/3ml 70%	pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager