

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
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Certificate of Analysis

2,2'-Dimorpholinodiethyl Ether

Catalog Number: DE1004 Lot Number: 1212401 **CAS Number:** 6425-39-4 **Molecular Formula:** $C_{12}H_{24}N_2O_3$ **Molecular Weight:** 244.33 **Specific Gravity:** 1.06g/mL Flash Point: ~146°C **Boiling Point:** ~320°C

Storage: 15°C – 30°C, Keep dry and well ventilated

Date of Manufacture: March 12, 2014
Retest Date: March 11, 2017

Test	Specification	Result
Appearance	Colorless to light yellow liquid	Conforms
Assay	≥ 98.0%	99.0%
Moisture	≤ 0.5%	0.25%
Solubility (50mg/mL in	Clear, colorless to light yellow	Conforms
Methanol)		

Date: February 26, 2016

Approved by:

John Grubb, PhD

Gojira Fine Chemicals, LLC

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QA/QC Manager

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