

1,2-Dimethoxyethane
BAKER ANALYZED® Reagent

(ethylene glycol dimethyl ether)



Material No.: J331-07
Batch No.: 0000191946
Manufactured Date: 2015/03/19
Retest Date: 2022/03/17
Revision No: 1

Certificate of Analysis

Test	Specification	Result
Assay (C ₄ H ₁₀ O ₂) (by GC, corrected for water)	>= 99.0 %	100.0
Acidity (as CH ₃ COOH)	<= 0.015 %	0.001
Density (g/mL) at 20°C	0.865 – 0.871	0.868
Identification (by IR)	Passes Test	PT
Peroxide (as H ₂ O ₂)	<= 25 ppm	21
Refractive Index, n _D ²⁰	1.379 – 1.381	1.379
Residue after Evaporation	<= 0.0020 %	0.0002
Water (H ₂ O)(by Karl Fischer titrn)	<= 0.2 %	< 0.1
Boiling Range (1–95 mL)Lower	83 – 86 °C	83
Boiling Range (1–95 mL)Upper	83 – 86 °C	86

For Laboratory, Research or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC



Phillipsburg, NJ 9001:2008, 14001:2004, FSSC 22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 13485:2012
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008
Panoli, India 9001:2008


Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600
Avantor Performance Materials, LLC.

3477 Corporate Parkway. Center Valley, PA 18034. U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610