

1,2-Dimethoxyethane  
BAKER ANALYZED® Reagent

(ethylene glycol dimethyl ether)



Material No.: J331-07  
Batch No.: 0000033795  
Manufactured Date: 2011/07/28  
Retest Date: 2016/07/26

## Certificate of Analysis

Test	Specification	Result
Assay (C <sub>4</sub> H <sub>10</sub> O <sub>2</sub> ) (by GC, corrected for water)	>= 99.0 %	99.8
Acidity (as CH <sub>3</sub> COOH)	<= 0.015 %	0.002
Density (g/mL) at 20°C	0.865 – 0.871	0.866
Identification (by IR)	Passes Test	PT
Peroxide (as H <sub>2</sub> O <sub>2</sub> )	<= 25 ppm	21
Refractive Index, n <sub>D</sub> <sup>20</sup>	1.379 – 1.381	1.380
Residue after Evaporation	<= 0.0020 %	< 0.0010
Water (H <sub>2</sub> O)(by Karl Fischer titrn)	<= 0.2 %	0.2
Boiling Range (1–95 mL)Lower	83 – 86 °C	85
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  
Paris, KY 9001:2008  
Mexico City, Mexico 9001:2008  
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003  
Gliwice, Poland 9001:2008, 17025:2005  
Selangor, Malaysia 9001:2008  
Dehradun, India, 9001:2008, 14001:2004, 13485:2003  
Mumbai, India, 9001:2008, 17025:2005  
Panoli, India 9001:2008

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