

1,2-Dimethoxyethane
BAKER ANALYZED® Reagent

(ethylene glycol dimethyl ether)



Material No.: J331-07
Batch No.: 0000020682
Manufactured Date: 2011/07/28
Retest Date: 2016/07/26

Certificate of Analysis

Test	Specification	Result
Assay (C ₄ H ₁₀ O ₂) (by GC, corrected for water)	>= 99.0 %	99.8
Acidity (as CH ₃ 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 ₂ O ₂)	<= 25 ppm	21
Refractive Index, n _D ²⁰	1.379 – 1.381	1.380
Residue after Evaporation	<= 0.0020 %	< 0.0010
Water (H ₂ 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

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

ISO

Phillipsburg, NJ 9001.2008, 14001.2004
Paris, KY 9001.2008
Mexico city, Mexico 9001.2008
Deventer, The Netherlands 9001.2008, 14001.2004
Selangor, Malaysia 9001.2008
Panoli, India 9001.2008
Gliwice, Poland 9001.2008, 17025.2005

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