

1,2-Dimethoxyethane  
BAKER ANALYZED® Reagent

(ethylene glycol dimethyl ether)



Material No.: J331-07  
Batch No.: 0000183969  
Manufactured Date: 2015/03/19  
Retest Date: 2022/03/17

## 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 %     | 100.0  |
| Acidity (as CH <sub>3</sub> 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 <sub>2</sub> O <sub>2</sub> )                                        | <= 25 ppm     | 21     |
| Refractive Index, n <sub>D</sub> <sup>20</sup>                                      | 1.379 – 1.381 | 1.379  |
| Residue after Evaporation                                                           | <= 0.0020 %   | 0.0002 |
| Water (H <sub>2</sub> 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

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