



1-Butanol

BAKER ANALYZED[®] A.C.S. Reagent
(butyl alcohol)

Product No. 9054
Lot No. K24B19
Release Date 06/14/2011

Certificate of Analysis

| TEST | SPECIFICATION | RESULT |
|---|---------------|------------|
| Meets A.C.S. Specifications | | |
| Meets Reagent Specifications for testing USP/NF monographs | | |
| Assay (CH ₃ CH ₂ CH ₂ CH ₂ OH) (by GC, corrected for water) | 99.4 % min. | 99.9 % |
| Color (APHA) | 10 max. | 5 |
| Residue after Evaporation | 0.005 % max. | < 0.0001 % |
| Titration Acid (meq/g) | 0.0008 max. | 0.0004 |
| Butyl Ether (C ₈ H ₁₈ O)(by GC) | 0.2 % max. | 0.07 % |
| Carbonyl Compounds: | | |
| Butyraldehyde | 0.01 % max. | < 0.001 % |
| Water (by KF, coulometric) | 0.1 % max. | 0.02 % |

For Laboratory, Research or Manufacturing Use

Country of Origin: USA



Phillipsburg, NJ 9001.2008, 14001.2004
Paris, KY 9001.2008
Mexico City, Mexico 9001.2008
Deventer, The Netherlands 9001.2008, 14001.2004, 13485.2003
Selangor, Malaysia 9001.2008
Panaji, India 9001.2008
Gliwice, Poland 9001.2008, 17025.2005

Richard M. Siberski
Global Director of Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 1-800-582-2537 or 908-859-2151

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