

2-Propanol  
PHOTREX® Reagent  
For U.V. Spectrophotometry  
(iso-propyl alcohol)



Material No.: 9083-03  
Batch No.: 0000028685  
Manufactured Date: 2012/12/12  
Retest Date: 2017/12/11

## Certificate of Analysis

Test	Specification	Result
Assay (CH <sub>3</sub> CHOHCH <sub>3</sub> )	>= 99.5 %	100.0
Carbonyl Compounds – Acetone	<= 0.002 %	<0.001
Carbonyl Compounds – Propionaldehyde	<= 0.002 %	<0.001
Color (APHA)	<= 10	<5
Residue after Evaporation	<= 0.0005 %	<0.0001
Solubility in H <sub>2</sub> O	Passes Test	PT
ACS – Titrable Acid or Base (µeq/g)	<= 0.1	<0.1
Water (by KF, coulometric)	<= 0.05 %	0.02
Ultraviolet Absorbance (1.00-cm cell vs. water) – 400-330 nm	<= 0.01	<0.01
Ultraviolet Absorbance (1.00-cm cell vs. water) – 300 nm	<= 0.02	<0.01
Ultraviolet Absorbance (1.00-cm cell vs. water) – 275 nm	<= 0.03	<0.01
Ultraviolet Absorbance (1.00-cm cell vs. water) – 260 nm	<= 0.04	<0.01
Ultraviolet Absorbance (1.00-cm cell vs. water) – 245 nm	<= 0.08	<0.01
Ultraviolet Absorbance (1.00-cm cell vs. water) – 230 nm	<= 0.20	0.04
Ultraviolet Absorbance (1.00-cm cell vs. water) – 220 nm	<= 0.40	0.07
Ultraviolet Absorbance (1.00-cm cell vs. water) – 210 nm	<= 1.00	0.18

For Laboratory, Research or Manufacturing Use

Product Information (not specifications):

Boiling Point (typical)..... 82.3° C.

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Density (g/mL) at 25° C (typical)..... 0.782  
Windows of Infrared Transmittance (0.1-mm path, 50-100% T), µm:  
2.5 - 2.8; 4.1 - 5.6; 5.8 - 6.4

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, 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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