

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



Material No.: 9083-03
Batch No.: 0000049238
Manufactured Date: 2013/06/18
Retest Date: 2018/06/17

Certificate of Analysis

Test	Specification	Result
Assay ($\text{CH}_3\text{CHOHCH}_3$)	$\geq 99.5 \%$	100.0
Carbonyl Compounds – Acetone	$\leq 0.002 \%$	< 0.001
Carbonyl Compounds – Propionaldehyde	$\leq 0.002 \%$	< 0.001
Color (APHA)	≤ 10	5
Residue after Evaporation	$\leq 0.0005 \%$	0.0002
Solubility in H_2O	Passes Test	PT
ACS – Titrable Acid or Base ($\mu\text{eq/g}$)	≤ 0.1	< 0.1
Water (by KF, coulometric)	$\leq 0.05 \%$	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	0.02
Ultraviolet Absorbance (1.00-cm cell vs. water) – 230 nm	≤ 0.20	0.08
Ultraviolet Absorbance (1.00-cm cell vs. water) – 220 nm	≤ 0.40	0.15
Ultraviolet Absorbance (1.00-cm cell vs. water) – 210 nm	≤ 1.00	0.33

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

Meets Reagent Specifications for testing USP/NF monographs

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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