

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



Material No.: 9083-03
Batch No.: 23E1761076
Manufactured Date: 2023-05-09
Retest Date: 2028-05-07
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH ₃ CHOHCH ₃)	≥ 99.5 %	100.0 %
Carbonyl Compounds – Acetone	≤ 0.002 %	< 0.002 %
Carbonyl Compounds – Propionaldehyde	≤ 0.002 %	< 0.002 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 0.0005 %	< 0.0005 %
Solubility in H ₂ O	Passes Test	Passes Test
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	0.02
Ultraviolet Absorbance (1.00-cm cell vs. water) – 245 nm	≤ 0.08	0.03
Ultraviolet Absorbance (1.00-cm cell vs. water) – 230 nm	≤ 0.20	0.10
Ultraviolet Absorbance (1.00-cm cell vs. water) – 220 nm	≤ 0.40	0.20
Ultraviolet Absorbance (1.00-cm cell vs. water) – 210 nm	≤ 1.00	0.42

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

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For Laboratory, Research, or Manufacturing Use
Product Information (not specifications):
Boiling Point (typical)..... 82.3° C.
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: USA
Packaging Site: Paris Mfg Ctr & DC

Michelle Bales
Sr. Manager, Quality Assurance

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