

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



Material No.: 9083-03
Batch No.: 25C1161075
Manufactured Date: 2025-03-05
Retest Date: 2030-03-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH ₃ CHOHCH ₃)	>= 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 ₂ O	Passes Test	Passes Test
ACS – Titrable Acid or Base (µeq/g)	<= 0.1	<0.0
Water (by KF, coulometric)	<= 0.05 %	<0.01 %
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	0.27
Ultraviolet Absorbance (1.00-cm cell vs. water) – 210 nm	<= 1.00	0.53

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: United States

Packaging Site: Paris Mfg Ctr & DC

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

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



Material No.: 9083-03
Batch No.: 25C1161075


Michelle Bales
Sr. Manager, Quality Assurance

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