

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



Material No.: 9083-03
Batch No.: 25B1261006
Manufactured Date: 2025-01-15
Retest Date: 2030-01-14
Revision No.: 0

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	$\leq 0.0005 \%$	$< 0.0001 \%$
Solubility in H_2O	Passes Test	Passes Test
ACS – Titrable Acid or Base ($\mu\text{eq/g}$)	≤ 0.1	< 0.1
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$
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	0.16
Ultraviolet Absorbance (1.00-cm cell vs. water) – 210 nm	≤ 1.00	0.35

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.: 25B1261006

A handwritten signature in blue ink that reads 'Michelle Bales'.

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