

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



Material No.: 9083-03
Batch No.: 22D1861045
Manufactured Date: 2022-04-13
Retest Date: 2027-04-12
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 | < 0.1 |
| 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 | 0.09 |
| Ultraviolet Absorbance (1.00-cm cell vs. water) – 220 nm | ≤ 0.40 | 0.18 |
| Ultraviolet Absorbance (1.00-cm cell vs. water) – 210 nm | ≤ 1.00 | 0.38 |

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.: 22D1861045

| Test | Specification | Result |
|------|---------------|--------|
|------|---------------|--------|

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


Jamie Ethier
Vice President Global Quality

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