



Material No.: 9441-33 Batch No.: 23A2061053 Manufactured Date: 2023-02-06 Expiration Date: 2024-02-05 Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Ultraviolet Absorbance (1.00-cm cell vs. water) - 400-320 nm	≤ 0.01	< 0.01
Ultraviolet Absorbance (1.00-cm cell vs. water) - 280 nm	≤ 0.03	0.02
Ultraviolet Absorbance (1.00-cm cell vs. water) – 254 nm	≤ 0.15	0.13
Ultraviolet Absorbance (1.00-cm cell vs. water) - 230 nm	≤ 0.45	0.30
Ultraviolet Absorbance (1.00-cm cell vs. water) - UV Cut-off, nm	≤ 212	210
Assay (by GC, corrected for water)	\geq 99.8 %	100.0 %
Peroxide (as H2O2) (atTime of Fill)	\leq 0.005 %	0.005 %
Residue after Evaporation	\leq 2.0 ppm	0.1 ppm
Water (by KF, coulometric)	\leq 0.02 %	< 0.02 %

For Laboratory, Research, or Manufacturing Use

Country of Origin: Taiwan Packaging Site: Paris Mfg Ctr & DC

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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 Page 1 of 1