

Material No: 9441.1000  
Batch No: 2312905862  
Manufactured Date: 2023/05/09  
Expiration Date: 2025/05/09

## Certificate of Analysis

Test	Specification	Result
Assay (by GC)	$\geq 99.8\%$	99.93
Peroxide (as H <sub>2</sub> O <sub>2</sub> )*	$\leq 0.010\%$	$< 0.010$
Residue after Evaporation	$\leq 5$ ppm	$< 5$
Water (H <sub>2</sub> O)	$\leq 0.02\%$	0.005
Ultraviolet Absorbance (1.00-cm path vs water):		
at 230 nm	$\leq 1.0$	0.9
at 260 nm	$\leq 0.15$	0.11
at 270 nm	$\leq 0.08$	0.06
at 310 nm	$\leq 0.02$	$< 0.02$

For Laboratory, Research or Manufacturing use.  
For use in High Performance Liquid Chromatography.  
Filtered through a 0.2 micron filter. Packaged under Nitrogen.

Country of Origin: GERMANY  
Packaging Site: Gliwice Mfg & DC



Jamie Ethier  
Vice President Global Quality

For questions on this Certificate of Analysis, please contact Customer Service at [avantor.emea@avantorinc.com](mailto:avantor.emea@avantorinc.com)  
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