

Product Specification

Test	Specification
Assay (by GC)	$\geq 99.5 \%$
Water (by KF)	$\leq 0.01 \%$
Fluorescence Trace Impurities, measured as Quinine Base – at 450 nm Emission	$\leq 0.5 \text{ ppb}$
Fluorescence Trace Impurities, measured as Quinine Base – at Emission Maximum for Impurities	$\leq 1 \text{ ppb}$
Substances Darkened by H ₂ SO ₄	passes test
Residue after Evaporation	$\leq 2 \text{ ppb}$
Acidity	$\leq 0.0005 \text{ meq/g}$
Ultraviolet Absorbance (1.00-cm cell vs water)	
400–254 nm	≤ 0.01
240 nm	≤ 0.04
230 nm	≤ 0.08
220 nm	≤ 0.3
UV Cut-off, nm	≤ 205

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



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For questions on this Product Specification please contact Technical Service at technical.service@avantorsciences.com
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