

Product Specification

Meets ACS Specifications.

Test	Specification
Assay (by GC)	$\geq 99.5 \%$
Aldehyde (as HCHO)	$\leq 0.002 \%$
Color (APHA)	≤ 10
Diisopropylether ((CH ₃) ₂ CHOCH(CH ₃) ₂)	$\leq 0.05 \%$
Isopropyl Alcohol	$\leq 0.05 \%$
Methanol (CH ₃ OH)	$\leq 0.05 \%$
Residue after Evaporation	$\leq 5 \text{ ppm}$
Solubility in Water	passes test
Substances Reducing KMnO ₄	passes test
Titration Acid (meq/g)	≤ 0.0003
Titration Base (meq/g)	≤ 0.0006
Water (H ₂ O)	$\leq 0.5 \%$
Trace Impurities (in ppm)	
Aluminium (Al)	≤ 0.5
Barium (Ba)	≤ 0.1
Boron (B)	≤ 0.02
Cadmium (Cd)	≤ 0.05
Calcium (Ca)	≤ 0.5
Chromium (Cr)	≤ 0.02
Cobalt (Co)	≤ 0.02
Copper (Cu)	≤ 0.02
Iron (Fe)	≤ 0.1
Lead (Pb)	≤ 0.1
Magnesium (Mg)	≤ 0.1

Test	Specification
Manganese (Mn)	<= 0.02
Nickel (Ni)	<= 0.02
Tin (Sn)	<= 0.1
Zinc (Zn)	<= 0.1
Ultraviolet Absorbance,(1.00-cm path vs water; curve smooth throughout stated range with no extraneous impurity peaks).	
at 330 nm	<= 1.00
at 340 nm	<= 0.10
at 350 nm	<= 0.02
at 400 nm	<= 0.01

For Laboratory, Research or Manufacturing use.



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