

Material No.: 0599-08 Batch No.: 0000188011 Manufactured Date: 2017/01/19

Retest Date: 2024/01/18

Certificate of Analysis

Test	Specification	Result
Assay (CH3COONH4) (by acid-base titration)	>= 97 %	100
ACS – Insoluble Matter	<= 0.005 %	0.001
Residue after Ignition	<= 0.010 %	< 0.010
pH of 5% Solution at 25°C	6.7 - 7.3	7.0
Nitrate (NO ₃)	<= 0.001 %	< 0.001
Sulfate (SO ₄)	<= 0.001 %	< 0.001
UV Absorbance (1 M Aqueous Solution) (1.00-cm cell vs. water) - 350 nm	<= 0.010	< 0.002
UV Absorbance (1 M Aqueous Solution) (1.00-cm cell vs. water) - 280 nm	<= 0.010	0.004
UV Absorbance (1 M Aqueous Solution) (1.00-cm cell vs. water) - 254 nm	<= 0.020	0.008
Chloride (CI)	<= 5 ppm	< 5
Trace Impurities – ACS – Heavy Metals (as Pb)	<= 5 ppm	< 5
Trace Impurities – Iron (Fe)	<= 5 ppm	< 5

For Laboratory, Research or Manufacturing Use

Country of Origin:

Packaging Site: Paris Mfg Ctr & DC



Phillipsburg, NJ 9001:2008, 14001:2004, FSSC 22000 Paris, KY 9001:2008 Mexico City, Mexico 9001:2008 Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003 Gliwice, Poland 9001:2008, 13485:2012 Selangor, Malaysia 9001:2008 Dehradun, India, 9001:2008, 14001:2004, 13485:2003

Jamie Ethier Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or $\pm 1.610.573.2600$ Avantor Performance Materials, LLC.