

Material No.: 0599-08  
Batch No.: 24B1261078  
Manufactured Date: 2023-08-30  
Retest Date: 2030-08-28  
Revision No.: 0

## Certificate of Analysis

Test	Specification	Result
Assay (CH <sub>3</sub> COONH <sub>4</sub> ) (by acid-base titration)	≥ 97 %	101 %
ACS - Insoluble Matter	≤ 0.005 %	< 0.001 %
Residue after Ignition	≤ 0.010 %	0.006 %
pH of 5% Solution at 25°C	6.7 - 7.3	6.9
Nitrate (NO <sub>3</sub> )	≤ 0.001 %	< 0.001 %
Sulfate (SO <sub>4</sub> )	≤ 0.001 %	< 0.001 %
UV Absorbance (1 M Aqueous Solution) (1.00-cm cell vs. water) - 350 nm	≤ 0.010	0.005
UV Absorbance (1 M Aqueous Solution) (1.00-cm cell vs. water) - 280 nm	≤ 0.010	0.008
UV Absorbance (1 M Aqueous Solution) (1.00-cm cell vs. water) - 254 nm	≤ 0.020	0.012
Chloride (Cl)	≤ 5 ppm	< 5 ppm
Trace Impurities - ACS - Heavy Metals (as Pb)	≤ 5 ppm	< 5 ppm
Trace Impurities - Iron (Fe)	≤ 5 ppm	< 5 ppm

For Laboratory, Research, or Manufacturing Use

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



Michelle Bales  
Sr. Manager, Quality Assurance

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