

Material No.: 0599-08  
Batch No.: 23D1261049  
Manufactured Date: 2023-03-27  
Retest Date: 2030-03-25  
Revision No.: 0

## Certificate of Analysis

Test	Specification	Result
Assay (CH <sub>3</sub> COONH <sub>4</sub> ) (by acid-base titration)	≥ 97 %	99 %
ACS - Insoluble Matter	≤ 0.005 %	< 0.001 %
Residue after Ignition	≤ 0.010 %	0.007 %
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	0.003
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	0.007
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



Jamie Ethier  
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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