

Material No.: 0599-08  
Batch No.: 0000259157  
Manufactured Date: 2019/05/21  
Retest Date: 2026/05/19  
Revision No: 1

## Certificate of Analysis

Test	Specification	Result
Assay (CH <sub>3</sub> COONH <sub>4</sub> ) (by acid-base titration)	>= 97 %	100
ACS – Insoluble Matter	<= 0.005 %	0.002
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	0.005
UV Absorbance (1 M Aqueous Solution) (1.00-cm cell vs. water) – 254 nm	<= 0.020	0.009
Chloride (Cl)	<= 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: MX  
Packaging Site: Paris Mfg Ctr & DC

  
Jamie Ethier  
Vice President Global Quality