



Material No.: 0599-08  
Batch No.: 0000172676  
Manufactured Date: 2016/12/05  
Retest Date: 2023/12/04

## Certificate of Analysis

Test	Specification	Result
Assay ( $\text{CH}_3\text{COONH}_4$ ) (by acid-base titration)	$\geq 97 \%$	100
ACS – Insoluble Matter	$\leq 0.005 \%$	0.001
Residue after Ignition	$\leq 0.010 \%$	$< 0.010$
pH of 5% Solution at 25°C	6.7 – 7.3	7.0
Nitrate ( $\text{NO}_3$ )	$\leq 0.001 \%$	$< 0.001$
Sulfate ( $\text{SO}_4$ )	$\leq 0.001 \%$	$< 0.001$
UV Absorbance (1 M Aqueous Solution) (1.00-cm cell vs. water) – 350 nm	$\leq 0.010$	0.001
UV Absorbance (1 M Aqueous Solution) (1.00-cm cell vs. water) – 280 nm	$\leq 0.010$	0.002
UV Absorbance (1 M Aqueous Solution) (1.00-cm cell vs. water) – 254 nm	$\leq 0.020$	0.005
Chloride (Cl)	$\leq 5 \text{ ppm}$	$< 5$
Trace Impurities – ACS – Heavy Metals (as Pb)	$\leq 5 \text{ ppm}$	$< 5$
Trace Impurities – Iron (Fe)	$\leq 5 \text{ ppm}$	$< 5$

For Laboratory, Research or Manufacturing Use

Country of Origin: MX  
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  
Mumbai, India, 9001:2008  
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