

Material No.: 0596-05
Batch No.: 23B1461013
Manufactured Date: 2022-11-16
Retest Date: 2029-11-14
Revision No.: 0

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
Assay ($\text{CH}_3\text{COONH}_4$) (by acid-base titration)	$\geq 97 \%$	100 %
ACS – Insoluble Matter	$\leq 0.005 \%$	0.003 %
Nitrate (NO_3)	$\leq 0.001 \%$	< 0.001 %
pH of 5% Solution at 25°C	6.7 – 7.3	6.9
Residue after Ignition	$\leq 0.010 \%$	0.003 %
Solution (20:100) – clear, colorless, complete	Passes Test	Passes Test
Sulfate (SO_4)	$\leq 0.001 \%$	< 0.001 %
Water (H_2O)	$\leq 2.5 \%$	1.5 %
Chloride (Cl)	$\leq 5 \text{ ppm}$	< 5 ppm
Trace Impurities – ACS – Heavy Metals (as Pb)	$\leq 5 \text{ ppm}$	< 5 ppm
Trace Impurities – Iron (Fe)	$\leq 5 \text{ ppm}$	< 5 ppm

For Laboratory, Research, or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

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

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

Page 1 of 1