



Urea

BAKER ANALYZED[®] A.C.S. Reagent

Product No. 4204

Lot No. L06625

Release Date 02/21/2012

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Meets A.C.S. Specifications		
Meets Reagent Specifications for testing USP/NF monographs		
Assay	99.0 - 100.5 %	99.9 %
Melting Point	132 - 135 °C.	135 °C.
Insoluble Matter	0.01 % max.	< 0.002 %
Residue after Ignition	0.01 % max.	0.004 %
Sulfate (SO ₄)	0.001 % max.	0.001 %
Heavy Metals (as Pb)	0.001 % max.	0.001 %
Iron (Fe)	0.001 % max.	0.0005 %
Trace Impurities (in ppm):		
Chloride (Cl)	5 max.	3
Cyanate (CNO)	None Detected	None Detected
For Laboratory, Research or Manufacturing Use		
Country of Origin: USA		



Phillipsburg, NJ 9001.2008, 14001.2004
 Paris, KY 9001.2008
 Mexico City, Mexico 9001.2008
 Deventer, The Netherlands 9001.2008, 14001.2004, 13485.2003
 Selangor, Malaysia 9001.2008
 Panaji, India 9001.2008
 Gliwice, Poland 9001.2008, 17025.2005


 Richard M. Siberski
 Global Director of Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 855-282-6867 or 610-573-2600
 Avantor™ Performance Materials, Inc.

3477 Corporate Parkway • Suite #200 • Center Valley, PA 18034 • U.S.A. • Phone: 610.573.2600 • Fax: 610.573.2610