



Sodium Carbonate, Anhydrous

ULTREX[®] Ultrapure Reagent

Product No. 4923

Lot No. J19611

Release Date 05/06/2010

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Certificate Provided Reports Actual Lot Analysis		
Assay (Na ₂ CO ₃) (dried basis)	Information Only %	100.0 %
Ammonium Hydroxide Precipitate	Information Only %	0.0002 %
Loss on Drying at 285°C	Information Only %	0.004 %
Particulate Matter	Information Only %	0.0008 %
Non-Metallic Impurities (in ppm)(ug/g):		
Arsenic (As)	Information Only	< 0.8
Halide (as Cl)	Information Only	< 1
Nitrogen Compounds (as N)	Information Only	< 0.02
Phosphate (PO ₄)	Information Only	< 0.5
Silicon (Si)	Information Only	< 0.1
Sulfur Compounds (as SO ₄)	Information Only	< 1
Metallic Impurities (in ppm)(ug/g):		
Aluminum (Al)	Information Only	0.6
Barium (Ba)	Information Only	0.3
Bismuth (Bi)	Information Only	< 2.2
Cadmium (Cd)	Information Only	< 0.1
Calcium (Ca)	Information Only	< 0.1
Chromium (Cr)	Information Only	0.1
Cobalt (Co)	Information Only	< 0.2
Copper (Cu)	Information Only	0.1
Iron (Fe)	Information Only	0.1
Lead (Pb)	Information Only	< 0.2
Lithium (Li)	Information Only	0.2
Magnesium (Mg)	Information Only	0.3
Manganese (Mn)	Information Only	< 0.1
Mercury (Hg)	Information Only	< 0.3
Molybdenum (Mo)	Information Only	< 0.1
Nickel (Ni)	Information Only	< 0.2
Niobium (Nb)	Information Only	< 0.1
Potassium (K)	Information Only	1.1
Silver (Ag)	Information Only	< 0.3
Strontium (Sr)	Information Only	< 0.2
Tin (Sn)	Information Only	< 0.2
Titanium (Ti)	Information Only	< 0.1
Vanadium (V)	Information Only	< 0.1
Zinc (Zn)	Information Only	< 0.2
Zirconium (Zr)	Information Only	< 0.2

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  Marcy M. Matlosz Director of QA & Regulatory Affairs	

For questions on this Certificate of Analysis please contact Technical Services at 1-800-582-2537 or 908-859-2151
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