



Lithium Carbonate, Powder

BAKER ANALYZED[®] A.C.S. Reagent

Product No. 2362

Lot No. K40474

Release Date 10/31/2011

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Exceeds A.C.S. Specifications		
Assay (Li ₂ CO ₃) (by acidimetry)	99.0 % min.	99.5 %
Insoluble in Dilute HCl	0.01 % max.	0.004 %
Chloride (Cl)	0.005 % max.	< 0.005 %
Total Sulfur (as SO ₄)	0.2 % max.	< 0.2 %
Heavy Metals (as Pb)	0.002 % max.	< 0.002 %
Iron (Fe)	0.002 % max.	0.0002 %
Calcium (Ca)	0.01 % max.	0.001 %
Potassium (K)	0.005 % max.	< 0.001 %
Silicon (Si)	Information Only %	0.002 %
Sodium (Na)	0.01 % max.	0.001 %
Nitrate (NO ₃)	5 ppm max.	1 ppm
Specific Surface Area, m ² /g	Information Only	0.80
Bulk Density (g/cc)	Information Only	0.81
Mesh (Wet Screen Analysis):		
On U.S. No. 325 Sieve	Information Only %	0 %
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
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 Global Director of Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 855-282-6867 or 610-573-2600

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