



Sodium Nitrate, Crystal

BAKER ANALYZED[®] A.C.S. Reagent

Product No. 3770

Lot No. J07158

Release Date 03/30/2010

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Meets A.C.S. Specifications		
Meets Reagent Specifications for testing USP/NF monographs		
Assay (NaNO ₃)	99.0 % min.	99.7 %
pH of 5% Solution at 25°C	5.5 - 8.3	6.1
Insoluble Matter	0.005 % max.	< 0.001 %
Chloride (Cl)	0.001 % max.	< 0.0005 %
Iodate (IO ₃)	5 ppm max.	< 1 ppm
Nitrite (NO ₂)	0.001 % max.	< 0.001 %
Phosphate (PO ₄)	5 ppm max.	< 3 ppm
Sulfate (SO ₄)	0.003 % max.	< 0.002 %
Calcium (Ca)	0.005 % max.	< 0.0005 %
Magnesium (Mg)	0.002 % max.	< 0.0002 %
Heavy Metals (as Pb)	5 ppm max.	< 3 ppm
Iron (Fe)	3 ppm max.	< 2 ppm
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

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 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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