



Dextrose, Anhydrous, Powder

BAKER ANALYZED[®] A.C.S. Reagent
(D-glucose, anhydrous)

Product No. 1916
Lot No. K43582
Release Date 10/26/2011

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Exceeds A.C.S. Specifications		
Meets Reagent Specifications for testing USP/NF monographs		
Specific Rotation $[\alpha]^{25}_D$	+52.5 - +53.0 °	+52.9 °
D		
Insoluble Matter	0.005 % max.	< 0.001 %
Loss on Drying at 105°C	0.2 % max.	< 0.02 %
Residue after Ignition	0.015 % max.	< 0.002 %
Solution in Water (50%)(APHA)	20 max.	5
Titration Acid (meq/g)	0.002 max.	0.0006
Chloride (Cl)	0.01 % max.	< 0.005 %
Sulfate and Sulfite (as SO ₄)	0.005 % max.	< 0.005 %
Starch	Passes Test	Passes Test
Trace Impurities (in ppm):		
Heavy Metals (as Pb)	5 max.	< 3
Iron (Fe)	5 max.	< 3

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

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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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