

Glycerol, Anhydrous
Ultrapure Bioreagent

For enzyme stabilization, freezing and electrophoresis buffers



Material No.: 4043-00
Batch No.: 0000030031
Manufactured Date: 2012/09/15
Retest Date: 2017/09/14

Certificate of Analysis

Test	Specification	Result
Assay (HOCH ₂ CHOHCH ₂ OH)	>= 99.5 %	100.0
Absorbance of a 1M Solution – 280 nm	<= 0.050	0.005
DNase Activity (None Detected)	Passes Test	PT
RNase Activity (None Detected)	Passes Test	PT
Protease Activity (None Detected)	Passes Test	PT
Absorbance of a 1M Solution – Color (APHA)	<= 10	<5
Residue after Ignition	<= 0.005 %	<0.001
Fatty Acid Esters (as Butyric Acid)	<= 0.05 %	<0.01
Trace Impurities – Iron (Fe)	<= 5 ppm	<1
Trace Impurities – Lead (Pb)	<= 2.000 ppm	0.040
Trace Impurities – Mercury (Hg)	<= 10.000 ppm	< 0.100
Trace Impurities – Zinc (Zn)	<= 2.000 ppm	< 0.005

For Laboratory, Research or Manufacturing Use
Vegetable Based

Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC



Phillipsburg, NJ 9001:2008, 14001:2004
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 17025:2005
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008, 17025:2005
Panoli, India 9001:2008

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