



Lithium Tetraborate, Flux Grade

BAKER INSTRA-ANALYZED[®] Reagent

Product No. 4503

Lot No. K37620

Release Date 09/22/2011

Certificate of Analysis

TEST	SPECIFICATION	RESULT
B ₂ O ₃ /Li ₂ O Ratio	1.95 - 2.05	2.00
Loss on Drying at 285°C	1 % max.	0.6 %
Silicon (Si)	50 max.	
Lithium Oxide (Li ₂ O)	17.0 % min.	17.5 %
Water (H ₂ O)	1.0 % max.	0.8 %
Ferric Oxide (Fe ₂ O ₃)	0.03 % max.	0.002 %
Sodium (Na)	0.015 % max.	0.001 %
Calcium (Ca)	0.015 % max.	0.001 %
Silicon Dioxide (SiO ₂)	0.03 % max.	0.002 %
Titanium Dioxide (TiO ₂)	0.02 % max.	0.0001 %
Bulk Density, Loose (g/cc)	0.38 max.	0.36

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

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