

Sodium Borate, 10-Hydrate, N.F.
Multi-Compendial

(Borax)



Material No.: 3575-07
Batch No.: 0000221513
Manufactured Date: 2018/05/24
Retest Date: 2023/05/23
Release Date: 2019/02/14
Revision No: 1

Certificate of Analysis

Meets B.P. Chemical Specifications, Meets E.P. Chemical Specifications, Meets J.P. Chemical Specifications, Meets N.F. Requirements,
GMP Manufactured Product

Test	Specification	Result
NF - Assay	99.0 - 105.0 %	101.4
NF - Identification	Passes Test	PT
NF - Carbonate and Bicarbonate	Passes Test	PT
NF - Endotoxin Concentration (EU/g)	<= 2.5	< 0.3
EP/BP - Assay (Na ₂ B ₄ O ₇ · 10H ₂ O)	99.0 - 103.0 %	101.8
EP/BP - Identification A	Passes Test	PT
EP/BP - Identification B	Passes Test	PT
EP/BP - Identification C	Passes Test	PT
EP/BP - Appearance of Solution	Passes Test	PT
EP/BP - pH of 4% Solution at 25°C	9.0 - 9.6	9.2
EP/BP - Sulfate (SO ₄)	<= 50 ppm	< 50
EP/BP - Ammonium (NH ₄)	<= 10 ppm	< 10
EP/BP - Arsenic (As)	<= 5 ppm	< 5
EP/BP - Calcium (Ca)	<= 100 ppm	< 100
JP - Assay (Na ₂ B ₄ O ₇ · 10H ₂ O)	99.0 - 103.0 %	101.4
JP - Identification	Passes Test	PT
JP - pH (1 in 20)	9.1 - 9.6	9.3
JP - Clarity and Color of Solution	Passes Test	PT
JP - Carbonate and Bicarbonate	Passes Test	PT
JP - Heavy Metals (as Pb)	<= 20 ppm	< 20
JP - Arsenic (As)	<= 5 ppm	< 5

Bulk Pharmaceutical Chemical

CAUTION: For Manufacturing, processing or repackaging
No Class 1,2,3 or other solvents are used or produced in the
manufacturing or purification of the product.

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Elemental Impurities (USP 232, EP 5.20) – Information on elemental impurities for this product is available on the associated Product Regulatory Data Sheet and elemental impurity profile report.

Country of Origin: IT
Packaging Site: Paris Mfg Ctr & DC
Manufacturer: P0078001
Manufacturer source batch: C020218006



Phillipsburg, NJ 9001:2015, FSSC22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Gliwice, Poland 9001:2015, 13485:2012
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2015, 17025:2005
Panoli, India 9001:2015

James Ethier
Jamie Ethier
Vice President Global Quality

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