

Sodium Hydroxide, Pellet
NF – GenAR®
Suitable for Use in Biotechnology



Material No.: 7772-06
Batch No.: 0000172524
Manufactured Date: 2015/09/15
Expiration Date: 2018/03/15

Certificate of Analysis

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

Test	Specification	Result
NF – Assay (Total alkali as NaOH)	95.0 – 100.5 %	98.9
NF – Insoluble Substances and Organic Matter	Passes Test	PT
NF – Identification	Passes Test	PT
NF – Heavy Metals (as Pb)	<= 0.003 %	< 0.003
NF – Potassium (K)	Passes Test	PT
NF/FCC – Carbonate (as Na ₂ CO ₃)	<= 3.0 %	0.4
FCC – Assay (Total alkali as NaOH)	95.0 – 100.5 %	98.9
FCC – Lead (Pb)	<= 2 mg/kg	< 2
FCC – Mercury (Hg)(mg/kg)	<= 0.1	< 0.1
FCC – Arsenic (As)(mg/kg)	<= 3	< 3
FCC – Identification	Passes Test	PT
FCC – Insoluble Substances and Organic Matter	Passes Test	PT
BP/EP – Assay (Total alkali as NaOH)	97.0 – 100.5 %	98.7
EP/BP – Identification A	Passes Test	PT
EP/BP – Identification B	Passes Test	PT
EP/BP – Appearance of Solution	Passes Test	PT
EP/BP – Heavy Metals (as Pb)	<= 20 ppm	< 20
EP/BP – Iron (Fe)	<= 10 ppm	< 10
EP/BP – Carbonate (as Na ₂ CO ₃)	<= 2.0 %	0.3
EP/BP – Chloride (Cl)	<= 200 ppm	< 200
EP/BP – Sulfate (SO ₄)	<= 200 ppm	< 200
JP – Assay	95.0 – 101.0 %	98.9

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600
Avantor Performance Materials, LLC.

3477 Corporate Parkway, Center Valley, PA 18034. U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610

Test	Specification	Result
JP - Identification A	Passes Test	PT
JP - Identification B	Passes Test	PT
JP - Clarity and Color of Solution	Passes Test	PT
JP - Chloride (Cl)	<= 0.050 %	< 0.050
JP - Heavy Metals (as Pb)	<= 30 ppm	< 30
JP - Potassium (K)	Passes Test	PT
JP - Carbonate (as Na ₂ CO ₃)	<= 2.0 %	1.4
JP - Mercury (Hg)	Passes Test	PT
Endotoxin Concentration (EU/g)	<= 5	< 5

Bulk Food Chemical

Bulk Pharmaceutical Chemical

CAUTION: For Manufacturing, processing or repackaging

Appearance (white hygroscopic pellets)

No Class 1,2,3 or other solvents are used or produced in the manufacturing or purification of the product.

Country of Origin: SE
Packaging Site: Paris Mfg Ctr & DC
Manufacturer: P0005001
Manufacturer source batch: 150915



Phillipsburg, NJ 9001:2008, 14001:2004, FSSC 22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 13485:2012
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008
Panoli, India 9001:2008

James Ethier
Jamie Ethier
Vice President Global Quality

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