



100 Majestic Way, Bangor, PA 18013 / www.biospectra.us

Effective Date:	22-Jan-2025	22-Jan-2028	: Date of Next Review
Prepared By:	Amy Yencho	Not Applicable	: Supersedes
QA/QC Approval:	Krista Rehrig	Carissa Albert	: Management Approval
Reason for Revision:	See Revision History in MasterControl.		

SODIUM HYDROXIDE 10N
CERTIFICATE OF ANALYSIS
BIOTECH, LOW CHLORIDE, GMP
BIO PHARMA GRADE / NAHY-4126
LOT: NAHY-M03-0525-0029

NaOH ▲ 40.00 g/mol. ▲ CAS# 1310-73-2

Manufacturing Date: 05/17/25 Retest Date: 05/31/27
Manufacturing Site: 100 Majestic Way, Bangor PA, 18013
Packaging Site: 100 Majestic Way, Bangor PA, 18013

ANALYSIS		SPECIFICATION	TEST RESULT
Absorbance	260nm	≤ 0.080 a.u.	0.033 a.u.
	280nm	≤ 0.050 a.u.	0.023 a.u.
Appearance and Color		Clear / Colorless Liquid	Clear / Colorless Liquid
Chloride		≤ 5 ppm	<5 ppm
Endotoxin		≤ 2.0 EU/mL	≤ 2.0 EU/mL
Enzymes	DNase	None Detected	None Detected
	RNase	None Detected	None Detected
	Protease	None Detected	None Detected
Normality		9.9 – 10.1 N	10.0 N
Sodium Carbonate		≤ 0.6 %	0.1 %
Trace Metals	Barium (Ba)	≤ 1 ppm	< 0.90 ppm
	Bismuth (Bi)	≤ 1 ppm	< 0.90 ppm
	Calcium (Ca)	≤ 5 ppm	< 0.90 ppm
	Cadmium (Cd)	≤ 1 ppm	< 0.90 ppm
	Cobalt (Co)	≤ 1 ppm	< 0.90 ppm
	Chromium (Cr)	≤ 1 ppm	< 0.90 ppm
	Copper (Cu)	≤ 1 ppm	< 0.90 ppm
	Iron (Fe)	≤ 2 ppm	< 0.90 ppm
	Magnesium (Mg)	≤ 1 ppm	< 0.90 ppm
	Manganese (Mn)	≤ 1 ppm	< 0.90 ppm
Molybdenum (Mo)		≤ 1 ppm	< 0.90 ppm
Nickel (Ni)		≤ 1 ppm	< 0.90 ppm

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ANALYSIS		SPECIFICATION	TEST RESULT
Trace Metals	Lead (Pb)	≤ 1 ppm	< 0.90 ppm
	Strontium (Sr)	≤ 1 ppm	< 0.90 ppm
	Zinc (Zn)	≤ 1 ppm	< 0.90 ppm

COUNTRY OF ORIGIN: U.S.A.

TEST METHOD REFERENCE: DCN: BSI-ATM-0039

INTENDED USE: Material represented by this Certificate of Analysis is suitable for use as a process chemical. It is manufactured in accordance with the IPEC-PQG Joint Good Manufacturing Practice Guide. The material represented by this Certificate of Analysis is not suitable to be used as an Active Pharmaceutical Ingredient, Drug, Drug Product or Household Item.

Prepared by: David McCall Date: 9/12/25 Job Title: QA Techn

Reviewed by: John Bugh Date: 9/15/25 Job Title: QA Supervisor