



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

Effective Date:	27-Feb-2025	27-Feb-2028	: Date of Next Review
Prepared By:	Carissa Albert	BSI-COA-0117 v.1.4	: Supersedes
QA/QC Approval:	Jaron Hughes	Krista Rehrig	: Management Approval
Reason for Revision:	See Revision History in MasterControl.		

CERTIFICATE OF ANALYSIS
SODIUM HYDROXIDE 8N (25%) SOLUTION
BIO PHARMA GRADE / NAHY-4151
LOT: NAHY-M03-0725-0037
 NaOH ▲ F.W. 40.00 g/mol. ▲ CAS# 1310-73-2
 Manufacturing Date: 7/16/25 Retest Date: 7/31/27
 Manufacturing Site: 100 Majestic Way, Bangor PA, 18013
 Packaging Site: 100 Majestic Way, Bangor PA, 18013

ANALYSIS	SPECIFICATION	TEST RESULT
Appearance and Color	Clear/Colorless Liquid	Clear/Colorless Liquid
Assay (NaOH)	24.5 – 25.5%	25.1 %
Chloride (Cl)	≤ 5 ppm	<5 ppm
Endotoxin	≤ 2.0 EU/mL	<0.5 EU/mL
Heavy Metals (as Pb)	≤ 1 ppm	<1 ppm
Iron (Fe)	≤ 0.500 ppm	<0.500 ppm

COUNTRY OF ORIGIN: U.S.A.TEST METHOD REFERENCE: DCN: BSI-ATM-0133

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: Jaron Hughes Date: 8/19/25 Job Title: QA Supervisor

Reviewed by: Car Albert Date: 8/19/25 Job Title: Senior Quality Manager