

BIO SPECTRA

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

Effective Date:	26-Mar-2021	26-Mar-2024	: Date of Next Review
Prepared By:	Jared L Lobb	16-000249 v.4.0	: Supersedes
QA/QC Approval:	Jaron Hughes	Wendy Santay	: Management Approval
Reason for Revision:	See Revision History in ensur		

CERTIFICATE OF ANALYSIS

6N HCl in IPA

BIO PHARMA GRADE / NEW CODE IHCL-4101-97

(HISTORICAL CODE IH4101-K180)

LOT: IHCL-0121-00008

HCl / C₃H₈O Δ F.W. 36.46 / 60.10 g/mol. Δ CAS# 7647-01-0 / 67-63-0

Manufacturing Date: 6/4/21 Retest Date: 6/30/23

Manufacturing Site: 100 Majestic Way, Bangor PA, 18013

Packaging Date: 6/19/21 Packaging Site: 100 Majestic Way, Bangor PA, 18013

ANALYSIS	SPECIFICATION	TEST RESULT
Appearance and Color	Clear, colorless to slightly yellowish fuming liquid	Clear, colorless to slightly yellowish fuming liquid
Assay (Acid titration)	≥ 5.9 N	6.1 N
Identification (Chloride)	Passes Test	Passes Test

COUNTRY OF ORIGIN: U.S.A.TEST METHOD REFERENCE: DCN:17-002060

INTENDED USE: Material represented by this Certificate of Analysis is suitable for use as a GMP 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: 8/6/21 Job Title: QA SpecialistReviewed by: [Signature] Date: 8/6/21 Job Title: QA Manager