

BIOSPECTRA

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

Effective Date:	8-Jan-2020	8-Jan-2023	: Date of Next Review
Prepared By:	Amy Hosein	16-000249 v.2.0	: Supersedes
QA/QC Approval:	Carissa McCollian	Hannah Bernier	: Management Approval
Reason for Revision:	See Revision History in ensur		

CERTIFICATE OF ANALYSIS

6N HCl in IPA

BIO PHARMA GRADE / IH4101- K180

LOT: IH4101-017-0220

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

Manufacture Date: 2/3/2020 Retest Date: 2/28/2022

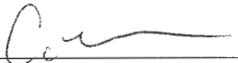
Manufacturing Site: 100 Majestic Way, Bangor PA, 18013 Packaging Date: 2/6/2020

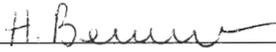
Packaging Site: 100 Majestic Way, Bangor PA, 18013

ANALYSIS	SPECIFICATION	TEST RESULT
Appearance and Color	Clear, colorless to slightly yellowish fuming liquid	Clear,colorless to slightly yellowish fuming liq.
Assay (Acid titration)	≥ 5.9 N	6.2 N
Identification (Chloride)	Passes Test	Passes Test

COUNTRY OF ORIGIN: U.S.A.

INTENDED USE: Material represented by this Certificate of Analysis is suitable to be used only as the following: IPEC Compliant GMP Manufactured Chemical, for use in further manufacturing or as a reagent for Laboratory and Research. 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:  Date: 2/12/20 Job Title: QA Supervisor

Reviewed by:  Date: 2/12/20 Job Title: QA Manager