

# BIOSPECTRA

100 Majestic Way, Bangor, PA 18013 / [www.biospectra.us](http://www.biospectra.us)

|                      |                               |                 |                       |
|----------------------|-------------------------------|-----------------|-----------------------|
| Effective Date:      | 30-Jan-2017                   | 30-Jan-2020     | : Date of Next Review |
| Prepared By:         | Jamie Storm                   | 16-000249 v.1.0 | : Supersedes          |
| QA/QC Approval:      | Chad Pezoldt                  | Dora Meissner   | : Management Approval |
| Reason for Revision: | See Revision History in ensur |                 |                       |

## 6N HCl in IPA

### CERTIFICATE OF ANALYSIS

### BIO PHARMA GRADE / IH4101- K180

### LOT: IH4101-006-1217

HCl / C<sub>3</sub>H<sub>8</sub>O  $\Delta$  F.W. 36.46 / 60.10 g/mol.  $\Delta$  CAS# 7647-01-0 / 67-63-0

Manufacture Date: 12/04/2017

Retest Date: 12/31/2019

Manufacturing Site: 100 Majestic Way, Bangor PA, 18013 Packaging Date: 12/07/2017

Packaging Site: 100 Majestic Way, Bangor PA, 18013

| ANALYSIS                  | SPECIFICATION   | TEST RESULT   |
|---------------------------|---|---|
| Appearance and Color      | Clear, colourless to slightly yellowish fuming liquid | Clear, colourless to slightly yellowish fuming liq. |
| Assay (Acid titration)    | $\geq 5.9$ N  | 5.9 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: H. Bernier Date: 12/20/17

Reviewed by: C. Pezoldt Date: 12/20/17