

**SEASTAR CHEMICALS INC.
INSTRUMENT QUALITY HYDROCHLORIC ACID**

CERTIFICATE OF ANALYSIS

Lot No : 4100100
Date : November, 2000

| Tests | Units | Value |
|--------------|--------------|--------------|
| Assay | % | 36% |
| Color | APHA | <10 |
| Aluminum | ppb | <0.5 |
| Antimony | ppb | <0.1 |
| Arsenic | ppb | <0.1 |
| Barium | ppb | <0.1 |
| Beryllium | ppb | <0.1 |
| Bismuth | ppb | <0.1 |
| Boron | ppb | <0.5 |
| Cadmium | ppb | <0.1 |
| Calcium | ppb | <0.5 |
| Chromium | ppb | <0.1 |
| Cobalt | ppb | <0.1 |
| Copper | ppb | <0.1 |
| Iron | ppb | <0.5 |
| Lead | ppb | <0.1 |
| Lithium | ppb | <0.1 |
| Magnesium | ppb | <0.5 |
| Manganese | ppb | <0.1 |
| Mercury | ppb | <0.2 |
| Molybdenum | ppb | <0.1 |
| Nickel | ppb | <0.1 |
| Potassium | ppb | <0.1 |
| Selenium | ppb | <0.1 |
| Silver | ppb | <0.1 |
| Sodium | ppb | <0.5 |
| Strontium | ppb | <0.1 |
| Thorium | ppb | <0.1 |
| Tin | ppb | <0.1 |
| Titanium | ppb | <0.1 |
| Uranium | ppb | <0.1 |
| Vanadium | ppb | <0.1 |
| Zinc | ppb | <0.5 |
| Zirconium | ppb | <0.1 |

**Element concentrations are at the point of bottling.
Concentrations of some elements in particular,
Ca, Si, K, Na, B, Al, Mg & Mn will increase due to
storage in glass bottles.**



Dr. B. McKelvey
QA/QC Manager
SEASTAR CHEMICALS Inc.

10005 McDonald Park Road, Sidney, BC, Canada V8L 3S8
phone : (250) 655-5880 fax : (250) 655-5888
toll free: 1 (800) 663-2330 (within Canada & U.S. only)
email: seastar.chemicals@axys.com, web: www.seastarchemicals.com