

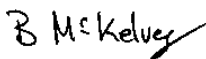
SEASTAR CHEMICALS INC  
INSTRUMENT QUALITY AMMONIA

CERTIFICATE OF ANALYSIS

Lot No : 7101020  
Date : February, 2001

| <u>Tests</u>                | <u>Units</u> | <u>Value</u> |
|-----------------------------|--------------|--------------|
| Assay (as NH <sub>3</sub> ) | %            | 21%          |
| 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          | <1           |
| Cadmium                     | ppb          | <0.1         |
| Calcium                     | ppb          | <0.5         |
| Chromium                    | ppb          | <0.1         |
| Cobalt                      | ppb          | <0.1         |
| Copper                      | ppb          | <0.5         |
| Iron                        | ppb          | <0.5         |
| Lead                        | ppb          | <0.1         |
| Lithium                     | ppb          | <0.1         |
| Magnesium                   | ppb          | <0.1         |
| Manganese                   | ppb          | <0.2         |
| Mercury                     | ppb          | <1           |
| Molybdenum                  | ppb          | <0.1         |
| Nickel                      | ppb          | <0.1         |
| Potassium                   | ppb          | <0.2         |
| 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.**



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