



Certificate of Analysis

Actero Salmonella Supplement 1

Lot Number: ME42

Expiry: Oct 7, 2020

Physical and Chemical Tests:

| <u>Properties</u> | <u>Specification</u> | <u>Analysis</u> |
|-------------------|---------------------------------|-----------------|
| Appearance: | Clear, colorless viscous Liquid | Pass |
| Color: | ≤15R | 3 |
| Monoethanolamine: | ≥99.5% | 99.6 |
| Diethanolamine | ≤0.2% | 0.2% |
| Specific Gravity: | 1.016 – 0.019 | 1.016-1.019 |
| Water Content: | ≤0.3% | 0.2% |

Sterility Tests:

| <u>Microorganisms / Sterility</u> | <u>Growth</u> |
|---|-----------------------|
| Liquid Sterility Test (48 hours at 36°C ± 1°C) | Clear / no cloudiness |
| Aerobic count (48 hours at 36°C ± 1°C on TSA plate) | No Colonies |

Laboratory Results: Satisfactory

Country of Manufacture: USA
 Testing performed by: Stuart Clark
 Completed on: Oct 15, 2019
 QA Release by: Stuart Clark