

CERTIFICATE OF ANALYSIS

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| Product Name: Taurine | |
| Batch No.: HC002-A-M2103070 | Quantity: 500kg |
| Manufacture Date: 9 th March, 2021 | Retest Date: 8 th March, 2023 |
| Reference standard: JP15 | Package : 25kg/drum |

| Item: | Standard | Results |
|--|---------------------|---------------------|
| Appearance | Crystalline powder | Crystalline powder |
| Colour | Whitish | Whitish |
| Aroma | None | None |
| Identification | Infrared absorption | Infrared absorption |
| Clarity and color of solution | Clear and colorless | Clear and colorless |
| Assay | 99.0 – 101.0% | 100.1% |
| Loss on Drying | ≤0.20% | 0.10% |
| Ignited Residue | ≤0.10% | 0.10% |
| Chloride | ≤0.02% | <0.02 |
| Sulphate | ≤0.02% | <0.02 |
| Heavy Metals | ≤10ppm | 10ppm |
| Arsenic | ≤1ppm | Conforms |
| Iron | ≤10ppm | Conforms |
| Ammonium | ≤0.02% | <0.02% |
| pH | 4.1 ~ 5.6 | 5.0 |
| Total Plate Count | ≤1000 cfu/g | <10 cfu/g |
| Yeast and Moulds | ≤100 cfu/g | <10 cfu/g |
| Salmonella | Absent in 25g | Negative |
| E.Coli | Absent in 10g | Negative |
| Conclusion: This batch is conforming with the Standard of JP15. | | |