

**FINISHED PRODUCT: CERTIFICATE OF ANALYSIS**

**DEPARTMENT : QUALITY CONTROL**

**Ref .SOP No**      QC/017, Rev – 00      **Format No. :** QC/017/F/02-00

**Name of product**                      : ZINC ACETATE DIHYDRATE AR

**Chemical Formula** : C<sub>4</sub>H<sub>6</sub>O<sub>4</sub>Zn.2H<sub>2</sub>O      **Molecular Weight**: 219.5 gm/mol.      **CAS No** : 5970-45-6

**HSN Code**                              29152990      **Batch Number**                      071001D23

**Date of sampling**                      07/04/2023      **Date of Manufacture**              April. -2023

**Sample Quantity**                      100.00 Gms.      **Date of Expiry**                      5 Years after Mfg. date




**Date of Analysis**                      07/04/2023

**Date of Release**                      08/04/2023

**Mfg. Lic. No.**                              G/25/2513

| Sr. No.                  | Test                          | Observation                                  | Specification            |
|--------------------------|-------------------------------|--|--------------------------|
| 1.                       | Description                   | <b>White Crystalline Powder</b>              | White crystalline Powder |
| 2.                       | Solubility (10% w/v in water) | <b>Soluble in water, Clear and colorless</b> | Clear and colorless      |
| 3.                       | pH (5% w/v in water)          | <b>6.40</b>                                  | 6.0 to 7.0               |
| 4.                       | Chloride                      | <b>Pass Test</b>                             | Max. 5 ppm               |
| 5.                       | Sulphates                     | <b>Pass Test</b>                             | Max. 50 ppm              |
| 6.                       | Calcium                       | <b>Pass Test</b>                             | Max. 50 ppm              |
| 7.                       | Magnesium                     | <b>Pass Test</b>                             | Max. 50 ppm              |
| 8.                       | Potassium                     | <b>Pass Test</b>                             | Max. 100 ppm             |
| 9.                       | Sodium                        | <b>Pass Test</b>                             | Max. 50 ppm              |
| 10.                      | Iron                          | <b>Pass Test</b>                             | Max. 5 ppm               |
| 11.                      | Lead                          | <b>Pass Test</b>                             | Max. 20 ppm              |
| 12.                      | Assay                         | <b>98.32 %</b>                               | 98.0 % to 101.0 %        |
| <b>Storage Condition</b> |                               | : In a non-metallic container.               |                          |

**Remarks:** The above product complies with above specification.

|                  | Prepared By/Analyzed by   | Approved by   |
|------------------|---|---|
| <b>Signature</b> |  |   |
| <b>Date</b>      | 07/04/2023  | 08/04/2023  |