



**SPECIFICATIONS**  
**GRADE: USP**

|                      |                                              |                                                                                   |                                   |
|----------------------|----------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------|
| <b>PRODUCTS NAME</b> |                                              | <b>:</b>                                                                          | <b>ZINC ACETATE DIHYDRATE USP</b> |
| <b>CAS NO.</b>       |                                              | <b>:</b>                                                                          | <b>5970-45-6</b>                  |
| <b>Sr. No.</b>       | <b>TEST PARAMETER</b>                        | <b>SPECIFICATION</b>                                                              |                                   |
| 1.                   | Appearance                                   | White crystals or granules, having a slight acetous odor and an astringent taste. |                                   |
| 2.                   | Solubility                                   | Freely soluble in water and in boiling alcohol, slightly soluble in alcohol.      |                                   |
| 3.                   | <b>Identification A</b><br>Test for Zinc     | To Pass test                                                                      |                                   |
|                      | <b>Identification B</b><br>Test for Acetates | To Pass test                                                                      |                                   |
| 4.                   | Assay %                                      | 98.0 % - 102.0 % of $C_4H_6O_4Zn.2H_2O$                                           |                                   |
| 5.                   | Chlorides                                    | Max. 50 ppm                                                                       |                                   |
| 6.                   | Sulfates                                     | Max. 100 ppm                                                                      |                                   |
| 7.                   | Arsenic                                      | Max. 3 ppm                                                                        |                                   |
| 8.                   | Lead                                         | Max. 20 ppm                                                                       |                                   |
| 9.                   | Alkalies And Alkaline Earths                 | Max. 0.2 %                                                                        |                                   |
| 10.                  | Insoluble Matter                             | Max. 50 ppm                                                                       |                                   |
| 11.                  | pH (5.0 % solution)                          | 6.0 – 8.0                                                                         |                                   |