

## Certificate of Analysis

### Estrone

|             |              |                  |              |
|-------------|--------------|------------------|--------------|
| CAS No.     | 53-16-7      | Code             | BIOJEST001   |
| Batch No    | 5009-2504001 | Manufacture Date | Apr.26, 2025 |
| Retest Date | Apr.25, 2029 | Quantity         | 200G         |

| Testing Items                  | Specifications                                                                                          | Results  |
|--------------------------------|---------------------------------------------------------------------------------------------------------|----------|
| Appearance                     | Small, white crystals or white to creamy white, crystalline powder. Is odorless                         | Complies |
| Identification                 | UV: The Maximum absorption wavelength of the test solution was the same as that of the control solution | Complies |
|                                | IR: The IR spectrum of the sample should be concordant with that of standard                            | Complies |
| Specific rotation              | +158° ~+165°                                                                                            | +163.0°  |
| Clarity of solution            | Clarity                                                                                                 | Complies |
| Loss on drying                 | Not more than 0.50%                                                                                     | 0.10%    |
| Residual on ignition           | Not more than 0.50%                                                                                     | 0.19%    |
| Ordinary impurities            | Not more than 2.0%                                                                                      | Complies |
| Limit of equilenin and equilin | Sample color shows no more red than reference color.                                                    | Complies |
| Assay                          | 97.0%~103.0%                                                                                            | 99.80%   |
| Conclusion                     | This product conforms to USP42 standard                                                                 |          |

**\*Storage condition: Store below 25°C, Protect from moisture and light.**