

## Certificate of analysis

### Estrone

CAS No.	53-16-7	Code	BIOJEST001
Batch No	5009-2407001	Manufacture Date	Jul.18, 2024
Retest Date	Jul.17, 2028	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°	+164.2°
Clarity of solution	Clarity	Complies
Loss on drying	Not more than 0.50%	0.11%
Residual on ignition	Not more than 0.50%	0.04%
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%	98.86%
Conclusion	This product conforms to USP42 standard	

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