

## Certificate of analysis

### Progesterone Micronized

CAS No.	57-83-0	Code	BIOJPRM001
Batch No.	6005-240403	Manufacture Date	Apr.07, 2024
Retest Date	Apr.06, 2027	Quantity	12.5Kgs

Testing Items	Specifications	Results
Characters	White or almost while crystalline powder	White Crystalline powder, Micronized
Identification A: Infrared absorption  B: Ultraviolet absorption	The IR spectrum of sample, exhibits maxima only at the same wavelength as that a similar preparation of USP Progesterone RS.  The UV absorption spectra of the test solution and the standard solution exhibit maxima at the same wavelengths	Complies
Melting range	126°C~131°C	126°C~130°C
Specific rotation	+175 °~+183 °	+181 °
Loss on drying	≤0.5%	0.08%
Related substance	Any individual impurity ≤1.0% Total impurities ≤1.5%	0.05% 0.31%
Residual solvents	Ethanol ≤5000ppm Methanol ≤3000ppm Toluene ≤890ppm Dichloromethane ≤600ppm	620ppm ND ND ND
Assay	97.0%~103.0%	99.72%
Particle size	90% pass 10µm	Complies
Conclusion	This product conforms to USP43 standard	

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