

Certificate of analysis

Estriol Micronized

CAS No.	50-27-1	Code	BIOJESM001
Batch No	5013-2312001	Manufacture Date	Dec.07, 2023
Retest Date	Dec.06, 2027	Quantity	1Kg

Testing Items	Specifications	Results
Appearance	White or practically white powder	Complies
Odor	Odorlessness	Complies
Identification	IR	Complies
	UV	Complies
Completeness of solution	The solution is clear and free from undissolved solid	Complies
Solubility	Soluble in acetone, chloroform, dioxane, ether and vegetable oil, slightly soluble in ethanol, insoluble in water	Complies
Loss on drying	Not more than 0.50%	0.12%
Melting point	About 280°C	279.2°C~281.0°C
Specific rotation	+54° ~+62°	+56.4°
Related substances	Total impurities ≤2.0%	0.63%
Residual solvents	Methanol ≤3000ppm	161ppm
	Acetone ≤5000ppm	122ppm
	Methylene chloride ≤600ppm	Not detected
Assay(UV)	97.0%~102.0%(Calculated on the dried basis)	99.66%
Residual on ignition	Not more than 0.10%	0.04%
Micron	100% ≤20µm	100% ≤20µm
Conclusion	This product conforms to USP standard	

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