

CERTIFICATE OF ANALYSIS

Product Name:	Estriol		
Batch No.	5013-2404001	CAS	50-27-1
Manufacturing Date	April 6, 2024	Expiry Date TO	April 5, 2028
Packing	100g per Bag	Quantity	100g
To be analysed according to		USP37	
Analytical results			
Items	Specifications		Results
Appearance	White or practically white powder.		Conform
Identification	A: IR B: UV		Conform
Completeness of solution	The solution is clear and free from undissolved solid.		Conform
Solubility	Soluble in acetone, in chloroform, in dioxane, in ether and in vegetable oil, sparingly soluble, in ethanol, insoluble in water		Conform
melting point	About 280°C		279.2~281.0°C
Loss on drying	≤0.50%		0.12%
Specific rotation	+54°~+62°		'+56.4°
Residual on ignition	≤0.10%		0.04%
Related substances	Total impurities ≤2.0%		0.63%
Residual solvents	Methanol ≤3000 ppm		161 ppm
	Acetone ≤5000ppm		122 ppm
	Methylene chloride ≤600ppm		Not detected
Assay	97.0~102.0%		99.66%
Micron	100%≤20um		100%≤20um
Conclusion	Conform the above stipulation.		

Inspector: Carlifor Wu

Verifier: Jack He

