

Hallochem Group



Chongqing Waycome Pharmaceutical Co.,Ltd.

CERTIFICATE OF ANALYSIS

Product name	17 BETA ESTRADIOL	Batch No.	BET20240602
Manuf. Date	2024-06-21	Expiry Date	2027-06-20
Batch Quantity	25.5Kgs	Test Standard	USP39

TEST	SPECIFICATIONS	RESULTS
Appearance	A white or almost white powder	white powder
Identification	A: UV B: IR	Complies Complies
Specific rotation	+76.0° ~ +83.0°	+82.5°
Melting point	173- 179℃	176- 178℃
Water	≤3.5%	2.0%
Related substances	Any individual impurity ≤0.5% Total impurities ≤1.0%	0.10% 0.18%
Assay	97.0 -103.0%	99.3%

Storage: Closed keep in cool,dry and dark place ;keep from heat and strong light

Conclusion: The product complies with the requirements of USP39 standard

Quality Manager:



Rechecker:



Analyst:



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