

Certificate of Analysis

Mometasone Furoate

CAS No.	83919-23-7	Code	BIOJMMF001
Batch No	KS-250301	Manufacture Date	Mar.10, 2025
Expiry Date	Mar.09, 2028	Quantity	250G

Testing Items	Specifications	Results
Appearance	White to off-white powder	Off-white powder
Solubility	Soluble in acetone and in methylene chloride.	Complies
Melting point	About 220°C	221.0~222.0°C
Identification	Infrared Absorption	Complies
	HPLC	Complies
Specific rotation	+56.0° ~ +62.0°	+58.6°
Loss on drying	≤0.5%	0.15%
Residue on ignition	≤0.1%	0.05%
Heavy metals	≤30ppm	Complies
Chromatographic purity (TLC)	Single impurity ≤1.0%	0.15%
	Total impurities ≤2.0%	0.30%
Assay (HPLC)	97.0%~102.0% (Calculated on the dried basis)	100.0%
Conclusion	This product conforms to USP-NF2023 standard	

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