

Certificate of Analysis

Nitazoxanide

CAS No.	55981-09-4	Code	BIOJNTZ001
Batch No	C07202410JZ01	Manufacture Date	Oct.08, 2024
Retest Date	Oct.07, 2027	Quantity	12Kgs

Testing Items	Specifications	Results
Description	White to pale yellow powder	Off-white powder
Solubility	Almost insoluble in water and alcohol, soluble in dimethylformamide, slightly soluble in methanol	Complies
Identification	The retention time of the major peak in the chromatogram of the test preparation corresponds to that in the chromatogram of the reference preparation	Complies
Related Substance	Impurity A \leq 0.1% Aspirin \leq 0.1% Salicylic acid \leq 0.1% Impurity B \leq 0.5% Unspecified impurity \leq 0.5% Total impurity \leq 1.0%	Not detected Not detected Not detected 0.11% 0.02% 0.14%
Loss on drying	\leq 0.5%	0.04%
Melting point	196~202°C	197~201°C
Residue on ignition	\leq 0.5%	0.03%
Assay(HPLC)	98.5%~101.5%	99.97%
Conclusion	This product conforms to In-house standard	

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