

Certificate of analysis

Famotidine

CAS No.	76824-35-6	Code	BIOJFMT001
Batch No	FMTD-2403001	Manufacture Date	Mar.16, 2024
Expiry Date	Mar.15, 2027	Quantity	5Kgs

Testing Items	Specifications	Results
Appearance	White to pale yellowish-white crystalline powder	Complies
Identification	Spectroscopic identification tests<197>, Infrared spectroscopy 197A, 197K, or 197M	Complies
Related substances	Impurity B \leq 0.3% Impurity C \leq 0.3% Impurity D \leq 0.3% Impurity E \leq 0.3% Impurity F \leq 0.1% Famotidine Cyanoamidine \leq 0.2% Famotidine Amidine \leq 0.2% Any other individual impurity \leq 0.1% Total impurities \leq 1.0%	0.1% 0.1% 0.05% 0.08% Not detected Not detected Not detected 0.05% 0.3%
Loss on drying	\leq 0.5%	0.4%
Residue on ignition	\leq 0.1%	0.06%
Assay	98.5%~101.0% Calculated on the dried basis	98.9%
Conclusion	This product conforms to USP42 standard	

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