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SPECIFICATION SHEET

Berberine HCl 97%

Product Name	Berberine HCl	**CAS No.**	633-65-8
Botanical Source	*Berberis vulgaris*	**Part Used**	Rhizome

Test Item	Specification	Test Method
Appearance	Yellow crystalline powder	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	Corresponding with RS	TLC
Berberine HCl (on dried basis)	≥ 97.0%	HPLC
Loss on Drying	≤ 12.0%	USP <731>
Total Ash	≤ 0.5%	USP <281>
Particle Size	NLT 90% through 80 mesh	USP <786>
Lead (Pb)	≤ 1.0 ppm	ICP-MS
Arsenic (As)	≤ 3.0 ppm	ICP-MS
Cadmium (Cd)	≤ 1.0 ppm	ICP-MS
Mercury (Hg)	≤ 1.0 ppm	ICP-MS
Standard Plate Count	≤ 10,000 cfu/g	USP <2021>
Total Yeast & Mold	≤ 1,000 cfu/g	USP <2021>
E. coli	Negative	USP <2022>
Salmonella	Negative	USP <2022>
S. aureus	Negative	USP <2022>

Storage: Store in tightly sealed and preferably full containers in cool, dry and ventilated area.

Shelf Life: 24 months under above conditions, and kept in its unopened original packaging.

Prepared by: Mia Yu Approved by: Charlie Wang Date: Nov. 18, 2026