



# Jiuqi Bio

## CERTIFICATE OF ANALYSIS

**ADD:** 6th floor, Building 1, No. 1258, Hongye 1st Road, Economic and Technological Development Zone, Xi 'an, China  
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Product name	Dihydroberberine	Country of Origin	China
Batch Size	1000kg	Batch Number	20241224
Manufacture Date	Oct.24, 2024	Expiry Date	Oct.23, 2026

Item	Specification	Test Results	Result
Assay	$\geq 98.0\%$	98.53%	specification
Purity	$\geq 98.0\%$	98.78%	specification
Appearance	Yellow granular powder	Complies	specification
Identification	HPLC retention time correspond to Reference Standard	Complies	specification
Bulk density ( loose )	$\geq 0.5\text{g/ ml}$	0.69g/ ml	specification
Bulk density ( tapped )	$\geq 0.7\text{g/ ml}$	0.82g/ ml	specification
Loss on Drying	$\leq 1.0\%$	0.51%	specification
Ash	$\leq 1.0\%$	0.64%	specification
Odor & Taste	Characteristic	Complies	specification
Particle Size	NLT 95% through 30 mesh	Complies	specification
Residual solvents	Under USP <467> limits	Complies	specification
Heavy Metals( $\leq 10.0\text{mg/kg}$ )			
Lead	$\leq 2.0\text{mg/kg}$	Complies	specification
Arsenic	$\leq 2.0\text{mg/kg}$	Complies	specification
Mercury	$\leq 1.0\text{mg/kg}$	Complies	specification
Cadmium	$\leq 1.0\text{mg/kg}$	Complies	specification
Microbiological Control			
Total Plate Count	$\leq 3000\text{cfu/g}$	Complies	specification
Yeast & Mould	$\leq 300\text{cfu/g}$	Complies	specification
E.Coli	Negative	Complies	specification
Salmonella	Negative	Complies	specification
Staphylococcus aureus	Negative	Complies	specification
Storage	Store in a well-closed and dry place with room temperature and no direct sun light.		

**Conclusion:** The product conforms with the above specification. 质检专用章

QA: Cai Sen

QC: Zhang Jin