



Address: East of Tianmu Road, Laiyang Development
Zone, Yantai City, Shandong Province, 265200, China

Specification

Product Name	BerGluco™ Berberine Hydrochloride 50% Granular		
Chemical Name	Berberine Hydrochloride	Molecular Formular	C ₂₀ H ₁₈ ClNO ₄
Part of Plant Used	Bark from the Branches	Botanical Source	<i>Berberis aristata</i>
Shelf Life	Two years	Country of Origin	China
Package	25kg/drum	CAS No.	633-65-8

Items	Specifications	Method
Appearance, odor, and taste	Yellow powder, odorless, taste bitter	Visual & Taste
Identification		
(1) Color reaction A	Positive	CP2020
(2) Color reaction B	Positive	CP2020
(3) Color reaction C	Positive	CP2020
(4) IR	Corresponds to IR ref. spectrum	CP2020
(5) Chloride	Positive	CP2020
Assay	≥50%	HPLC
Loss on drying	≤12.0%	105°C/5h
Residue on ignition	≤0.2%	CP2020
Particle size	90% pass 20 mesh sieve	CP2020
Other alkaloids	Meet the requirements	CP2020
Heavy metals	≤10ppm	GB/T5009.74
Arsenic	≤1.0ppm	GB5009.11-2014
Lead	≤1.0ppm	GB5009.12-2010
Cadmium	≤1.0ppm	GB5009.15-2014
Mercury	≤0.1ppm	GB5009.17-2014
Polycyclic aromatic	Absent	GBZ/TI60.1-2004
Total plate count	≤1000cfu/g	GB/T4789.2
Yeast & Mold	≤100cfu/g	FDABAM8 th
<i>E. coli</i>	Negative	FDABAM8 th
<i>Salmonella</i>	Negative	FDABAM8 th
Coliforms	≤10cfu/g	FDABAM8 th
<i>Staphylococcus</i>	Negative	GB/T4789.10
Package & Storage: Preserved in Tight, Light-resistant Containers. Sterilization: No Irradiation and ETO		