



### Certificate of Analysis

Product name	Tetrahydropiperine	Manufacture date	Sep.25.2023
Batch number	FQ230925	Analysis date	Sep.26.2023
Batch quantity	300kg	Expire date	Sep.25.2025

Item	Specification	Result
<b>Active Ingredieints</b>		
Assays	NLT 98%	98.36%
<b>Physical Control</b>		
Appearance	White powder	Complies
Identification	Complie with standard	Complies
Odor&Taste	Characteristic	Complies
Particle Size	NLT 95% Pass 80 Mesh	Complies
Loss on Drying	≤5.0%	3.45%
Ash	≤5.0%	2.14%
<b>Chemical Control</b>		
Heavy metals	≤10.0ppm	Complies
Arsenic (As)	≤2.0ppm	Complies
Total Mercury(Hg)	≤0.1ppm	Complies
Lead (Pb)	≤3.0ppm	Complies
Solvent residue	<5000ppm	Complies
Pesticide residue	Meet USP/EP	Meet USP/EP
PAHs	<50ppb	Complies
BAP	<10ppb	Complies
Aflatoxins	<10ppb	Complies
<b>Microbiological Control</b>		
Total Plate Count	≤1,000cfu/g	Complies
Yeast & Mold	≤100cfu/g	Complies
E.Coli	Negative	Negative
Salmonella	Negative	Negative

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in a tightly closed container ,in a cool and dry place
Shelf life:	2 years when properly stored

Quality Assurance Officer: 李强

Corrector: 佟丽华

Analyst: 方晓

