



## Certificate of Analysis

### Cinnamon Extract 10:1

<b>Batch No.</b>	RG251025	<b>Manufacturing Date</b>	October 25, 2025
<b>Batch Quantity</b>	1,000KG	<b>Expiration Date</b>	October 24, 2028
<b>Botanical Source</b>	<i>Cinnamomum cassia Presl</i>	<b>Country of Origin</b>	China
<b>Appearance</b>	Brown Red Powder	<b>Part Used</b>	Bark (100% Natural)
<b>Solvents Used</b>	Water	<b>Carrier Used</b>	Dextrin
<b>Sterilization Method</b>	Heat    NON-IRR	<b>Kosher    Halal</b>	Yes    Yes

Items	Specification	Result	Method
Ratio	10:1	Conform	Calculation
Identification	Correspond to standard	Conform	TLC    USP<201>

#### Physical Characteristics

Particle Size	NLT 95% Through 80 mesh	Conform	Analytical sieving    USP <786>
Loss on Drying	NMT 5.00%	1.99%	USP <731>
Total Ash	NMT 5.00%	3.89%	USP <561>
Bulk Density	Between 40~70g/100ml	57.72g/100ml	USP <616> Method I
Tapped Density	Between 50~90g/100ml	81.69g/100ml	USP <616> Method I

#### Chemical Characteristics

Heavy Metals(as Pb)	NMT 10ppm	Conform	USP <231> Method II
Arsenic (As)	NMT 2ppm	0.0100ppm	ICP-MS    USP <233>
Lead (Pb)	NMT 2ppm	0.2308ppm	ICP-MS    USP <233>
Cadmium (Cd)	NMT 1ppm	Not Detected	ICP-MS    USP <233>
Mercury (Hg)	NMT 1ppm	0.0043ppm	ICP-MS    USP <233>

#### Microbiological Characteristics

Total Plate Count	NMT 10,000cfu/g	100cfu/g	USP<2021>
Total Yeast & Mold	NMT 1,000cfu/g	< 10cfu/g	USP<2021>
E. Coli	Not Detected in(g) 10	Not Detected	USP<2022>
Salmonella	Not Detected in(g) 25	Not Detected	USP<2022>
Staphylococcus	Not Detected in(g) 10	Not Detected	USP<2022>

**Packing and Storage** Polyethylene bag with cardboard drum. 25kg net.  
Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Tested by: *Tracy Liu*

Date: November 3, 2025

Approved by: *Jack Jia*

Date: November 3, 2025