

# BaseBulk

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Lycopene
<b>Botanical Latin Name</b>	Solanum lycopersicum
<b>Part Used</b>	Fruit
<b>Country of Origin</b>	China
<b>Batch Number</b>	453-24111103
<b>Manufacture Date</b>	Nov. 11, 2024
<b>Expiry Date</b>	Nov. 10, 2027

### Physical Parameters

<b>Analysis Item</b>	<b>Specification</b>	<b>Result</b>
Appearance	Dark red granule	Complies
Odor	Characteristic	Complies
Taste	Characteristic	Complies
Loss on Drying	≤5.0%	3.11%
Residue on Ignition	≤5.0%	2.70%

### Chemical Parameters & Assay

<b>Analysis Item</b>	<b>Specification</b>	<b>Result</b>
Heavy Metals (total)	≤10 mg/kg	Complies
Arsenic (As)	≤1 mg/kg	Complies
Lead (Pb)	≤1 mg/kg	Complies
Cadmium (Cd)	≤1 mg/kg	Complies
Mercury (Hg)	≤0.1 mg/kg	Complies
Assay — Lycopene (HPLC)	≥10.0%	10.89%

### Microbiological

<b>Analysis Item</b>	<b>Specification</b>	<b>Result</b>
Total Plate Count	≤1,000 cfu/g	<10 cfu/g
Yeast & Mould	≤100 cfu/g	<10 cfu/g
Coliforms	≤0.92 MPN/g	Negative
Salmonella	Negative	Negative

Staphylococcus aureus	Negative	Complies
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**Packaging & Storage**

Item	Details
Shelf Life	Three years when properly stored.

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