



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Sichuan Pepper Absolute CO ₂
Common Name	Sichuan Pepper CO ₂ Extract
Botanical Name	<i>Zanthoxylum bungeanum</i> Maxim.
INCI Name	<i>Zanthoxylum Bungeanum</i> Fruit Extract
Product Type	Supercritical CO ₂ Extract
CAS Number	102242-62-6
EC Number	289-757-7
Extraction Method	Supercritical Carbon Dioxide (CO ₂)
Appearance	Dark yellow to amber viscous liquid
Odour	Fresh, spicy, peppery, citrus, woody, warm, tingling
Country of Origin	China
Batch Number	SPCO2-260704
Manufacturing Date	18 May 2026
Retest Date	18 May 2028

Analytical Specifications

Test	Specification	Result
Appearance	Dark yellow to amber viscous liquid	Complies
Odour	Characteristic spicy, peppery	Complies
Identification (GC/MS)	Conforms to reference standard	Complies
Relative Density (20 °C)	0.930–1.020	0.964
Refractive Index (20 °C)	1.4750–1.5050	1.4898
Solubility (90% Ethanol)	Clear solution (1:3)	Complies
Moisture (Karl Fischer)	≤0.50%	0.14%
Acid Value	≤5.0 mg KOH/g	0.86 mg KOH/g
Residual Solvents	Not Detected (CO ₂ Extraction)	Complies
Colour	Dark yellow to amber	Complies

Storage

Store in tightly closed original containers in a cool, dry and well-ventilated place away from direct sunlight, moisture and excessive heat.



Recommended storage temperature: 15–25°C

Shelf Life

24 months from the manufacturing date when stored under the recommended conditions.

Statement

This product has been sampled, inspected, tested and released in accordance with the quality management procedures of Aromology Trading LLC and complies with the specifications stated above at the time of release.

The analytical values reported are typical quality control results and are intended for quality assurance purposes only.

Approved By

Fozia Khot
Director
Aromology Trading LLC

