

Capsicum Oleoresin

Pungent capsicum extract for qualified flavor and seasoning formulations.

CAS 8023-77-6	EC 617-016-4 (ECHA List number; extract identity)	Transport Non-DG in liquid extract reference; formulation dependent
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Product Information

Capsicum oleoresin is a concentrated pungent extract. The supplied grade specifies at least one million Scoville heat units and a maximum color value of 10,000CU, together with metal and residual-solvent limits. SHU measures pungency and is not the same as a measured capsaicin mass percentage.

SHU is a pungency measure, not a capsaicin assay percentage. CAS/List numbers identify the extract, not an unconfirmed carrier blend. Reference SDS applicability depends on the actual carrier, residues and concentration.

Specifications

Parameter	Specification
Appearance	Dark-red liquid
Pungency	≥1,000,000 SHU
Color value	≤10,000 CU
Heavy metals, as Pb	≤0.0005 %
Arsenic	≤0.0002 %
Organic solvent residue	≤0.005 %

Typical Properties

Property	Typical Value
Pungency limit	≥1,000,000 SHU
Color-value limit	≤10,000 CU

Applications

Seasoning manufacture: Evaluate the pungent extract in professionally qualified seasoning systems.

Sauces and prepared foods: Assess permitted flavoring applications in sauces and prepared-food formulations.

Grade and carrier qualification: Specify pungency, color value, carrier composition and residue limits on the inquiry.

Packaging / Storage

Item	Information
Packaging	1 kg, 5 kg, 10 kg, 20 kg or 180 kg net plastic drums; confirm the selected format.
Storage	Keep tightly closed in a cool, dry, ventilated place away from direct sunlight, heat and strong oxidizers. Avoid skin contact, eye splashes and aerosol exposure; contain oily spills.
Shelf life	Two years in original closed packaging under the stated storage conditions.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
Shanghai office	Room 1001, Building A, Caohejing Center, No. 1520 Gumei Road, Xuhui District, Shanghai, China
Telephone / Email	+86-21-54265599 / sales@zxchem.com.cn
Website	www.zxchem.com