

Calcium L-Threonate

Calcium salt of L-threonic acid for qualified nutritional and food ingredient formulation development.

CAS No. 70753-61-6	EC / List No. Not assigned in reference	Transport Non-dangerous goods
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Product Information

Calcium salt of L-threonic acid for qualified nutritional and food ingredient formulation development.

Specifications

Parameter	Specification
Appearance	White or almost white powder
Identification	Positive
Specific optical rotation	+13 ~ +16 °
Loss on Drying	1%max
Water insoluble	0.1% max
PH	5.8 ~ 7.0
Heavy metals	10ppm max
Lead	0.5ppm max
Arsenic	1ppm max
Iron	100ppm max
Copper	0.5ppm max
Cadmium	1ppm max
Mercury	0.5ppm max
Assay	98.0%min
Particle Size	≥20mesh
Bulk density	0.20~0.30g/ml
Tap density	0.45~0.70g/ml
Total Bacteria Count	1000Cfu/g max
Yeast & Moulds	100 Cfu /g max
E.Coli	Negative

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	C ₈ H ₁₄ CaO ₁₀
Molecular weight	310.27 g/mol

Applications

Nutritional formulation development: Calcium-source ingredient for suitably qualified nutritional formulations.

Food ingredient evaluation: Material for permitted food-ingredient development.

Powder blending and filling: Powder ingredient for qualified dry blends.

Packaging / Storage

Item	Information
Packing	25 kg drums
Storage	Store tightly closed in a cool, dry, well-ventilated place. Protect from moisture, excessive heat, direct sunlight and incompatible chemicals.
Handling	Provide effective ventilation during powder transfer. Wear suitable protective gloves, safety goggles and work clothing. Avoid airborne dust, ingestion and unnecessary skin or eye contact.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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