

m-Toluic Acid

Aromatic carboxylic-acid intermediate for selected organic synthesis and fine chemicals.

CAS No. 99-04-7	EC / List No. 202-723-9	Transport Non-dangerous goods
--------------------	----------------------------	----------------------------------

Product Information

Aromatic carboxylic-acid intermediate for selected organic synthesis and fine chemicals.

Specifications

Parameter	Specification
Appearance	White needle-like crystals or yellowish flakes
Assay, standard grade	≥99.0 %
Assay, higher-purity grade	≥99.5 %
Water, both grades	≤0.2 %
Melting range, standard grade	109–111 °C
Melting range, higher-purity grade	110–113 °C
Benzoic acid, standard grade	≤0.5 %
Benzoic acid, higher-purity grade	≤0.3 %
o-Toluic acid + p-toluic acid	≤0.5 %

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

Typical Properties

Property	Typical Value
Molecular formula	C ₈ H ₈ O ₂
Molecular weight	136.15 g/mol

Applications

Aromatic intermediate synthesis: Starting material for selected m-toluoyl chloride and m-tolunitrile routes.

DEET-related intermediate chemistry: Raw intermediate for technically supervised DEET-related synthesis.

Fine-chemical development: Aromatic acid for qualified dye, pharmaceutical and agrochemical intermediate routes.

Packaging / Storage

Item	Information
Packing	25 kg bags
Storage	Keep tightly sealed in a cool, dry, ventilated area. Protect from heat and moisture; segregate from strong oxidizing agents and strong bases.
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)
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