Choline Bitartrate

$C_9H_{19}NO_7$ · CAS 87-67-2 · Choline bitartrate, crystalline

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

CHEMICAL FORM	FORMULA	CAS	PRIMARY ASSAY
Choline bitartrate, crystalline	$C_9H_{19}NO_7$	87-67-2	96.5–100.5% (titration)
METHOD	MINIMUM ORDER	LEAD TIME	STANDARD PACK
Titration and HPLC	1 kg	1–7 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

Choline bitartrate specified at 96.5–100.5% on the as-is basis and 40.5–41.5% choline, for capsules and tablets where the salt form and the choline figure have to be declared.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Assay (as-is basis)	96.5–100.5% (titration)	As stated
Choline	40.5–41.5% (HPLC)	As stated
Appearance	White crystalline powder	As stated
Identification	IR conforms	As stated
Loss on drying	≤1.0%	As stated
pH (5% solution)	3.0–4.5	As stated
Heavy metals	Pb ≤3 · As ≤2 · Cd ≤1 · Hg ≤0.1 mg/kg	As stated
Microbiology	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	As stated
Particle size	≥95% through 40 mesh	As stated
Marker set	Choline bitartrate 96.5–100.5%; choline 40.5–41.5%	Identity
Solubility	Freely soluble in water; the 5% solution is acidic (pH 3.0–4.5).	Matrix dependent

APPLICATIONS

- Capsules and tablets
- Powder sticks and drink mixes

AVAILABLE FORMS

- Crystalline powder, 40 mesh
- Milled to 80 mesh on request
- Granulated on request

PACKING

- 1 kg foil pouch
- 25 kg fiber drum

STORAGE

Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling. The lot-specific retest date is shown on the batch COA.

DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

Catalog document. This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.

Shaanxi Rainwood Biotech Co., Ltd. · Rm 218, Tangxing Digital Bldg, #6 Tangxing Rd, Xi'an, Shaanxi, China

info@rainwoodbio.com · nutrition.rainwoodbio.com