

Product Datasheet

GE9418 - Betaine citrate

Pictograms

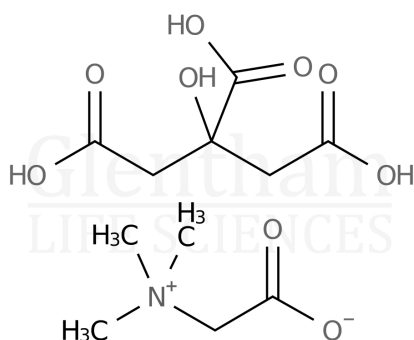


Product Details

Product Name	Betaine citrate
Glenthams Code	GE9418
CAS Number	17671-50-0
EINECS	241-648-6
Related Categories	Biochemicals

Structure

Molecular Weight	: 309.27
Molecular Formula	: $C_{11}H_{19}NO_9$



Glenthams Product Specification

Physical Description	: White crystalline powder
Assay	: 98.5 - 100.5 % (dried basis)
Loss on Drying	: $\leq 0.5\%$
Residue on Ignition	: $\leq 0.1\%$
Heavy Metals	: $\leq 10\text{ppm}$
Lead (Pb)	: $\leq 3\text{ppm}$
Arsenic (As)	: $\leq 1\text{ppm}$
Mercury (Hg)	: $\leq 0.1\text{ppm}$
Cadmium (Cd)	: $\leq 1\text{ppm}$
Version	: v1.0

About Betaine citrate

The citric acid salt of the quaternary ammonium zwitterion, betaine, which has a ubiquitous presence as an organic osmolyte in animals, plants and microorganisms. It is used in cosmetics and nutritional applications, and has been used in anti-cancer drug studies.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A
Signal Word	Warning
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P302+P350, P280, P261, P305+P351+P338

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025