

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

+44 (0) 1225 667 798 t: f: +44 (0) 2033 978 909 e: info@glentham.com www.glentham.com

Product Datasheet

GE9418 - Betaine citrate

Product Details

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

Structure

Molecular Weight : 309.27 Molecular Formula : C₁₁H₁₉NO₉



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

Skin Irr. 2, STOT SE 3, **CLP Classification**

STOT SE'3, Eye Irr. 2A

Signal Word Warning

Hazard Codes H315, H336, H335, H319 P302+P350, P280, P261, P305+P351+P338 **Precautionary Codes**

Pictograms



Glentham Product Specification

: White crystalline powder Physical

v1.0

Description

: 98.5 - 100.5 % (dried basis) Assay

≤ 0.5% Loss on Drying ≤ 0.1%

Residue on Ignition

Version

Heavy Metals : ≤ 10ppm Lead (Pb) : ≤ 3ppm Arsenic (As) : ≤ 1ppm Mercury (Hg) : ≤ 0.1ppm Cadmium (Cd) : ≤ 1ppm

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024

Printed: 2024-05-03 02:29:59 Page 1 of 1