

Product Datasheet

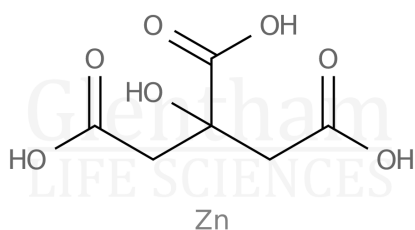
GE2021 - Zinc citrate trihydrate

Product Details

Product Name	Zinc citrate trihydrate
Glenthams Code	GE2021
CAS Number	546-46-3
CAS supplémentaire	178326-57-3
Related Categories	Biochemicals, Vitamins, Cosmetic Raw Materials

Structure

Molecular Weight	: 628.29
Molecular Formula	: $(C_6H_5O_7)_2Zn_3 \cdot 3H_2O$



Pictograms



UN Number, Class, PG (RID) UN3077 - 9 - PG III

Glenthams Product Specification

Physical Description	: White to almost white powder or fine crystals
Identification	: To pass tests for zinc and citrate
pH (3% in water)	: 5.0 - 7.0
Arsenic (As)	: ≤ 3 ppm
Cadmium (Cd)	: ≤ 5 ppm
Lead (Pb)	: ≤ 10 ppm
Loss on Drying	: $\leq 2.0\%$ (1h, 105°C)
Assay	: $\geq 31.3\%$ (Zn, dried basis)
Version	: v1.1

About Zinc citrate trihydrate

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

CLP Classification	Aquatic Acute 1
Signal Word	Attention
Hazard Codes	H400
Precautionary Codes	P273

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