

## Product Datasheet

### GE2021 - Zinc citrate trihydrate

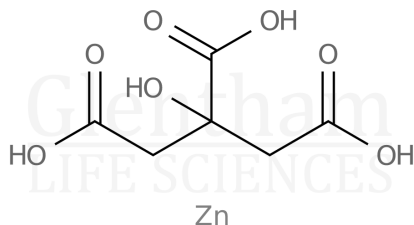
UN Number, Class, PG UN3077 - 9 - PG III  
(RID)

#### Product Details

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

#### Structure

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



#### Glentham 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)	: $\leq 3$ ppm
Cadmium (Cd)	: $\leq 5$ ppm
Lead (Pb)	: $\leq 10$ 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	Warning
Hazard Codes	H400
Precautionary Codes	P273
Pictograms	

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