

## Product Datasheet

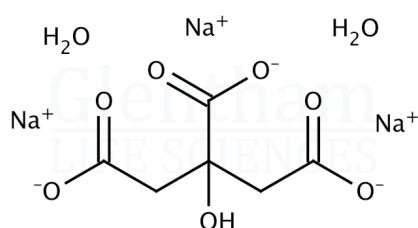
### GK0137 - Sodium citrate dihydrate

#### Product Details

Product Name	Sodium citrate dihydrate
Glentham Code	GK0137
CAS Number	6132-04-3
EINECS	200-675-3
MDL Number	MFCD00150031
PubChem SID	310280082
Additional CAS	68-04-2 (anhydrous)
Related Categories	Buffers, Raw Materials (IVD), Reagents for Northern and Southern Blotting

#### Structure

Molecular Weight	: 294.10
Molecular Formula	: $\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

Physical Description	: White crystalline powder or colourless crystals
Identification	: According to BP, EP, USP
Solubility (10% in water)	: Clear, colourless solution
pH (5% in water)	: 7.5 - 9.0
Acidity or Alkalinity	: To pass test
Readily Carbonisable Substances	: To pass test
Chlorides	: ≤ 50ppm
Oxalates	: ≤ 100ppm
Sulphates	: ≤ 150ppm
Arsenic (As)	: ≤ 1ppm
Heavy Metals (as Pb)	: ≤ 10ppm
Lead (Pb)	: ≤ 1ppm
Mercury (Hg)	: ≤ 1ppm
Water	: 11.0 - 13.0 %
Assay	: 99.0 - 101.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	: BP, EP, USP
Version	: v1.2

#### About Sodium citrate dihydrate

The sodium salt of citric acid, our sodium citrate is supplied as a white crystalline powder. This product, which is used widely in the food industry, also functions as a buffer and emulsifying agent in the laboratory.

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