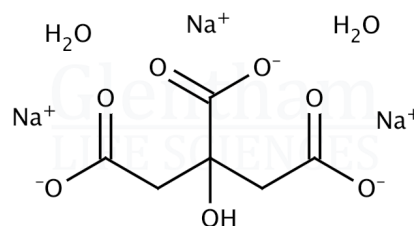


## Product Specification

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)
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 Temp.	+20°C



Property	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
Specification Version	- v1.2
Date Created	- 2019-09-30

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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