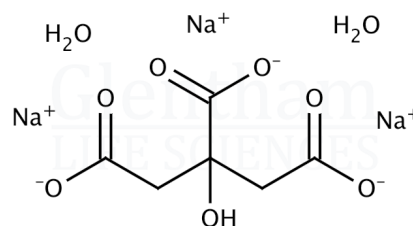


Product Specification

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 or contact us using the details above for the current version of this document.

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