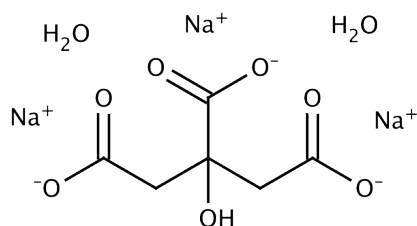


## Product Specification

Product Name : Sodium citrate dihydrate  
 Glenthams 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 : Na<sub>3</sub>C<sub>6</sub>H<sub>5</sub>O<sub>7</sub> · 2H<sub>2</sub>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

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

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