

# Product Data Sheet

## (2N5) 99.5% Sodium Citrate Dihydrate

Product Code: NA-CAT-025-C.2HYD

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

CAS No.: 6132-04-3

EC No.: 200-675-3

MDL: MFCD00150031

### Chemical Identifiers

Linear Formula	$\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$
MDL Number	MFCD00150031
EC No.	200-675-3
Beilstein Registry No.	6104939
Pubchem CID	71474
IUPAC Name	trisodium; 2-hydroxypropane-1,2,3-tricarboxylate; dihydrate
SMILES	[Na+].[Na+].[Na+].O=C([O-])CC(O)(C([O-])=O)CC(=O)[O-].O.O
Inchi Identifier	InChI=1S/C6H8O7.3Na.2H2O/c7-3(8)1-6(13,5(11)12)2-4(9)10;;;;;/h13H,1-2H2,(H,7,8)(H,9,10)(H,11,12);;;;;2*1H2/q;3*+1;;/p-3
Inchi Key	NLJMYIDDQXHKNR-UHFFFAOYSA-K

Total Metal Impurities: 0.5% max.

### Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

**Documentation**

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.