Technical Information

tri-Sodium Citrate Dihydrate
Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications

Product Code:TC1249M

Product Information

Product Code	:	TC1249M
Product Name	:	tri-Sodium Citrate Dihydrate Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 Testing specifications,
Synonym	:	Sodium citrate dihydrate
Molecular Formula	:	$Na_3C_6H_5O_7.2H_2O$
Molecular Weight	:	294.10
CAS No.	:	6132-04-3

Technical Specification

Appearance	:	Colourless crystals or white crystalline powder.
Solubility	:	Freely soluble in water. Practically insoluble in ethanol (96%).
pH (5% in water at 25^{0}C)	:	7.50 – 8.50
Appearance of solution	:	10% w/v solution is clear and colourless
Acidity or alkalinity	:	<= 0.2 mL of 0.1M HCl or 0.1M NaOH is required to change the colour of the indicator
Arsenic	:	<= 0.0002%
Chloride	:	<= 0.01%
Tartrate	:	No crystalline precipitate is formed
Heavy metals	:	<= 0.001%
Oxalate	:	<= 0.03%
Sulphate	:	<= 0.015%
Loss on drying (at 180°C, 2hr)	:	10.00 - 13.00%
Assay (NT, anhydrous basis)	:	99.00 - 101.00%

Risk And Safety Information

WGK	:	--
RTECS	:	--
Storage Temperature(°C)	:	Store below 30°C

Transport Information

Marine Pollutant	:	No
ADR/RID	:	Not Dangerous Goods
IMDG	:	Not Dangerous Goods
IATA	:	Not Dangerous Goods

Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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