

LAIWU TAIHE BIOCHEMISTRY CO., LTD.
NO. 89 CHANGJIANG STREET LAIWU, JINAN, SHANDONG PROVINCE, PRC

SPECIFICATION SHEETS

Description of Goods		TRISODIUM CITRATE DIHYDRATE BP2014, USP37, E331(iii), EP		
Formula	C ₆ H ₅ O ₇ Na ₃ ·2H ₂ O	Mol. Weight: 294.10	CAS Number: 6132-04-3	EINECS: 200-675-3
Use	Flavoring agent emulsifier stabilizator			
SUBJECT	STANDARD			UNITS
Characters	Crystalline white powder or colourless crystals			/
Identification	Passes test			/
Clarity and color of solution	Clear and colourless			/
Appearance of solution	Passes test			/
Acidity or Alkalinity	Passes test			/
Tartrate	Passes test			/
Pyrogens	Passes test			/
Organic volatile impurities	Passes test			/
Test for Citrate	Passes test			/
Test for Sodium	Passes test			/
Assay(on the anhydrous basis)	99.0-100.5			%
Loss on Drying(180oC, 18 hours)	10.0-13.0			%
Readily carbonisable substances	Not deeper than standard			/
Sulfates	≤150			ppm
Chlorides	≤50			ppm
Oxalates (expressed as oxalic acid, after drying)	≤100			ppm
Lead	≤1			ppm
Iron(Fe)	≤1			ppm
Cadmium(Cd)	≤0.1			ppm
Arsenic(As)	≤1			ppm
Mercury(Hg)	≤0.1			ppm
Heavy metals	≤5			ppm
pH value in 5% aqueous solution	7.5-9.0			/
Shelf life	Two years			
Particle size	12-40mesh or 40-100mesh or 30-100mesh or 30-80mesh or 40-80mesh			
Solubility	Free soluble in water, practically insoluble in ethanol(96 percent).			
Packing	25 kgs net paper bags with PE liner inside, without pallets, 25mts/20' FCL; with pallets, 22mts/20' FCL; 500/1000 kgs big bag , with pallets, 20mts/20' FCL;			
Storage Conditions	Store in cool, dry place in well-closed containers.			

REACH Register Number: 01-2119457027-40-0006.

The product conforms with the standard of E 331(iii) (according to Commission Regulation (EU) No 231/2012).

Issue Date: Jan.01, 2023