

山东柠檬生化有限公司

TTCA CO., LTD.

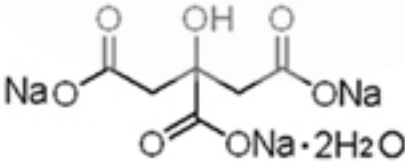
柠檬酸钠 TRI-SODIUM CITRATE DIHYDRATE

质量标准 TECHNICAL SPECIFICATION

ITEM 项目	BP	E331	USP	FCC	EP	JSFA	GB	TTCA
CHARACTERISTICS 性状	COLORLESS OR WHITE CRYSTAL 无色或白色结晶状粉末或颗粒							
IDENTIFICATION 鉴别	PASS TEST 符合实验							
ACIDITY OR BASICITY 酸度或碱度	PASS TEST 符合实验							
LIGHT TRANSMITTANCE 透光率 (366nm)	/	/	/	/	/	/	≥95%	≥95%
CLARITY & COLOUR OF SOLUTION 溶液澄清度和色泽	PASS TEST 符合实验	/	PASS TEST 符合实验	/	/	/	/	PASS TEST 符合实验
ASSAY 含量	99.0-101.0%	≥99.0%	99.0-100.5%	99.0-100.5%	99.0-100.5%	99.0-101.0%	99.0-100.5%	99.0-100.5%
WATER 水分	11.0-13.0%	≤13.5%	10.0-13.0%	10.0-13.0%	11.0-13.0%	10.0-13.0%	10.0-13.0%	11.0-13.0%
SULPHATE 硫酸盐	≤150ppm	/	/	/	/	≤240ppm	≤100ppm	≤20ppm
OXALATE 草酸盐	≤300ppm	≤100ppm	/	/	/	/	≤100ppm	≤20ppm
CALCIUM 钙盐	/	/	/	/	/	/	≤200ppm	≤20ppm
HEAVY METALS 重金属	≤10ppm	≤5ppm	≤10ppm	/	≤10ppm	≤20ppm	/	≤1ppm
IRON 铁	/	/	/	/	/	/	≤5ppm	≤5ppm
CHLORIDE 氯化物	≤50ppm	/	/	/	/	/	≤50ppm	≤5ppm
READILY CARBURETED SUBSTANCES 易炭化物	NOT EXCEEDING THE STANDARD 不深于标准	/	/	/	/	/	K≤1.0	K≤1.0
ARSENIC 砷	/	≤1ppm	/	/	/	≤4ppm	≤1ppm	≤0.1ppm
MERCURY 汞	/	≤1ppm	/	/	/	/	/	≤0.1ppm
LEAD 铅	/	≤1ppm	/	≤2ppm	/	/	≤2ppm	≤0.5ppm
TARTRATE 酒石酸盐	/	/	PASS TEST 符合实验	/	/	/	/	PASS TEST 符合实验
PYROGEN 热源	PASS TEST 符合实验	/	/	/	/	/	/	PASS TEST 符合实验
PH	/	7.5-9.0	/	/	/	7.6-9.0	/	7.6-9.0
WATER INSOLUBLE SUBSTANCES 水不溶物	/	/	/	/	/	/	PASS TEST 符合实验	PASS TEST 符合实验

General Parameter 基本参数

Molecular Formula 分子式：Na₃C₆H₅O₇·2H₂O Structure Formula 结构式：



Molecular Weight 分子量：294.10

Applications 主要用途

Tri-sodium citrate dihydrate is mainly used to enhance flavor and maintain stability of active ingredients in foods and beverages. In detergent industry, it can replace sodium tripolyphosphate as a kind of assistant. It can also be used in fermentation, injection, photography and metal plating.

二水合柠檬酸三钠主要在食品、饮料行业中用作风味剂、稳定剂；在医疗中用作抗凝血剂、化痰药和利尿药；在洗涤工业中，可替代三聚磷酸钠作为无磷洗涤剂的助剂；还用于酿造、摄影药品和电镀等。

Packaging 包装

12.5kg、25kg、50lb、500kg、1000kg net bag palletized or unpalletized. And we also can supply different packaging according to special requirements. 12.5kg、25kg、50lb、500kg、1000kg等多种包装规格，并能按照客户要求提供其他形式的包装。

Storage 贮存

Keep bag well-closed, and put in a light-proof, dry and cool place. 密封、避光、干燥、阴凉处存放。