

山东柠檬生化有限公司

TTCA CO., LTD.

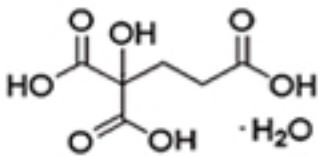
一水柠檬酸 CITRIC ACID MONOHYDRATE

质量标准 TECHNICAL SPECIFICATION

ITEM 项目	BP	E330	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							
LIGHT TRANSMITTANCE 透光率	/	/	/	/	/	/	≥95%	≥97.0%
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	99.5-100.5%	≥99.50%	99.5-100.5%	99.5-100.5%	99.5-100.5%	≥99.50%	99.5-100.5%	99.5-100.5%
WATER 水分	7.5-9.0%	≤8.8%	7.5-9.0%	≤8.8%	7.5-9.0%	≤8.8%	7.5-9.0%	7.5-8.8%
SULPHATED ASH (RESIDUE ON IGNITION) 硫酸灰分(灼烧残渣)	≤0.1%	≤0.05%	≤0.1%	≤0.05%	≤0.1%	≤0.1%	≤0.05%	≤0.05%
SULPHATE 硫酸盐	≤150ppm	/	≤150ppm	/	PASS TEST 符合实验	≤480ppm	≤150ppm	≤20ppm
OXALATE 草酸盐	≤360ppm	≤100ppm	≤360ppm	NO TURBIDITY FORMS 没有浑浊产生	≤360ppm	PASS TEST 符合实验	≤100ppm	≤20ppm
CALCIUM 钙盐	/	/	/	/	/	PASS TEST 符合实验	≤200ppm	≤20ppm
HEAVY METALS 重金属	≤10ppm	≤5ppm	≤10ppm	/	≤10ppm	≤10ppm	/	≤1ppm
IRON 铁	/	/	/	/	/	/	≤5ppm	≤1ppm
CHLORIDE 氯化物	/	/	/	/	/	/	≤50ppm	≤5ppm
READILY CARBURETED SUBSTANCES 易炭化物	NOT EXCEEDING THE STANDARD 不深于标准	NOT EXCEEDING THE STANDARD 不深于标准	NOT EXCEEDING THE STANDARD 不深于标准	A≤0.52; T%≥30	NOT EXCEEDING THE STANDARD 不深于标准	NOT EXCEEDING THE STANDARD 不深于标准	K≤1.0	K≤1.0
BACTERIAL ENDOTOXINS 细菌内毒素	≤0.5IU/mg	/	PASS TEST 符合实验	/	≤0.5IU/mg	/	/	≤0.5IU/mg
ALUMINIUM 铝	≤0.2ppm	/	≤0.2ppm	/	≤0.2ppm	/	/	≤0.2ppm
ARSENIC 砷	/	≤1ppm	/	/	/	≤4ppm	≤1ppm	≤0.1ppm
MERCURY 汞	/	≤1ppm	/	/	/	/	/	≤0.1ppm
LEAD 铅	/	≤1ppm	/	≤0.5ppm	/	/	≤0.5ppm	≤0.5ppm
TRIDODECYLAMINE 三月桂胺	/	/	/	≤0.1ppm	/	/	/	≤0.1ppm
WATER INSOLUBLE SUBSTANCES 水不溶物	/	/	/	/	/	/	Filtration time not more than 1 min; Filter membrane basically doesn't change color; Visual mottled particles not more than 3. 过滤时间不超过 1min, 滤膜基本不变色, 目视可见杂色颗粒不超过 3 个	Filtration time not more than 1 min; Filter membrane basically doesn't change color; Visual mottled particles not more than 3. 过滤时间不超过 1min, 滤膜基本不变色, 目视可见杂色颗粒不超过 3 个

General Parameter 基本参数

Molecular Formula 分子式：C₆H₈O₇·H₂O Structure Formula 结构式:



Molecular Weight 分子量：210.14

Applications 主要用途

Citric Acid Monohydrate is mainly used as acidulating,flavoring and preservative in foods and beverages. It is also used as antioxidant,plasticizer, detergent and builder.

一水柠檬酸主要用于食品、饮料行业作为酸味剂、调味剂及防腐剂、保鲜剂。还在化工、化妆品及洗涤行业中用作抗氧化剂、增塑剂、洗涤剂、助剂等。

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。