



Certificate of Analysis 检验报告单

Report No 报告编号: YXITCR-20240514006-01

Report Date 报告日期: 2024-05-14

Product: Citric Acid Anhydrous 产品: 无水柠檬酸		Batch No. 批号 1AX2404504	Quantity 数量: 25MT	Production Date 生产日期: 2024-04-04
Molecular Formula 分子式: C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>		CAS No.: 77-92-9		Shelf Life 有效期: 36months
Item 项目	Unit 单位	Quality Standards 质量标准		Analysis Results 分析结果
Characters 感官	-	White or almost white, crystalline powder, colourless crystals or granules. Odorless, has a strongly acid taste. Very soluble in water, freely soluble in ethanol, very slightly soluble in diethyl ether. 无色或白色结晶状颗粒或粉末; 无臭, 味极酸; 易溶于水, 溶于乙醇; 微溶于乙醚。		Pass 符合
Identification 鉴别试验	-	Pass Test 符合试验		Pass 符合
Appearance of solution 溶液外观	-	Pass Test 符合试验		Pass 符合
Assay 柠檬酸含量	%	99.5-100.5		100.0
Water 水分	%	≤0.5		0.10
Readily Carbonisable Substances 易炭化物	-	Pass Test 符合试验		Pass 符合
Sulphated Ash (Residue on Ignition) 硫酸灰分	%	≤0.05		0.02
Sulfate 硫酸盐	mg/kg	≤50		<50
Oxalate 草酸盐	mg/kg	≤50		<50
Chloride 氯化物	mg/kg	≤5		<5
Lead 铅	mg/kg	≤0.1		<0.1
Arsenic 总砷	mg/kg	≤0.1		<0.1
Mercury 汞	mg/kg	≤0.1		<0.1
Aluminium 铝	mg/kg	≤0.2		<0.2
Heavy Metals 重金属	mg/kg	≤5		<5
Bacterial endotoxins 细菌内毒素	IU/mg	<0.5		<0.5

结论: The product is in conformity with BP/USP/FCC/E330/ENSIGN. 产品符合BP/USP/FCC/E330/ENSIGN要求。

Approved by: 陈立刚

Reviewed by:

Prepared by: 李金艳

Authorized signatory

Analysis date: 2024-04-07

