



Certificate of Analysis 检验报告单

Report No 报告编号: YXITCR-20230201012-01

Report Date 报告日期: 2023-02-01

Product: Citric Acid Monohydrate 产品: 一水柠檬酸		Batch No. 批号 2MT2301055	Quantity 数量: 10MT	Production Date 生产日期 2023-01-24
Molecular Formula 分子式: $C_6H_8O_7 \cdot H_2O$		CAS No.: 5949-29-1		Shelf Life 有效期:
Item 项目	Unit 单位	Quality Standards 质量标准		Analysis Results
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. 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		99.9
Water 水分	%	7.5-8.8		8.59
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 STANDARD. 产品符合标准要求。

Approved by: 陈立刚

Reviewed by: 刘锦菊 Prepared by: 刘锦菊

Authorized signatory



Analysis date: 2023-01-25