



### Certificate of Analysis 检验报告单

Report No 报告编号: YXITCR-20250811107-01

Report Date 报告日期: 2025-08-09

Product: Citric Acid Monohydrate Food Grade		Batch No. 批号	Quantity	Production Date 生产日期:
Invoice No.: FHKDYL250731A		6MT2507004	数量: 27MT	JUL. 2025
Molecular Formula 分子式: C <sub>6</sub> H <sub>8</sub> O <sub>7</sub> •H <sub>2</sub> O		CAS No.: 5949-29-1		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. 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	
Citric Acid Monohydrate	%	99.5-100.5	99.9	
Water 水分	%	7.5-8.8	8.67	
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  
Authorized signatory



Reviewed by: 曹晓越

Prepared by: 刘锦菊  
Analysis date: 2025-07-04