



Certificate of Analysis 检验报告单

Report No报告编号: YXITCR-20240912006-01

Report Date报告日期: 2024-09-12

Product:Citric Acid Anhydrous 产品: 无水柠檬酸		Batch No. 批号 6AX2408033	Quantity 数量: 26MT	Production Date生产日期: 2024-08-18
Molecular Formula分子式: C ₆ H ₈ O ₇		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		0.09
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: 陈立刚 Prepared by: 刘锦菊
Authorized signatory Analysis date: 2024-08-20

