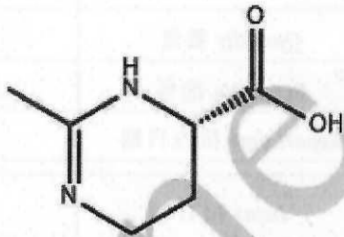
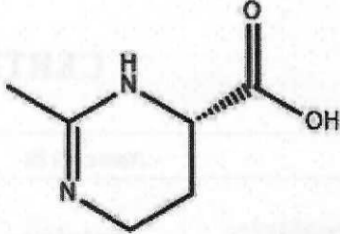


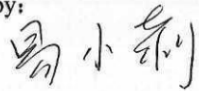
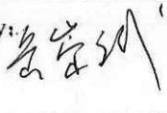
产品检验报告单

CERTIFICATE OF ANALYSIS

Name 名称		Structure 结构	
Ectoine 依克多因			
CAS No. CAS 号	96702-03-03		
Quantity 数量	607.35kg		
Batch No. 批号	ECT2403002		
Report date 报告日期	2024-04-14	Production Date 生产日期	2024-03-31
		Retest date 复检日期	2027-03-30
Items 项目	Specifications 标准	Results 结果	
Appearance 性状	White to white-like crystal or powder 本品为白色或类白色晶体或粉末	Conform 符合规定	
Identification (HPLC) 高效液相色谱鉴别	The infrared absorption spectrum should be consistent with the reference spectrum 红外光吸收图谱应与对照品图谱一致	Conform 符合规定	
pH 酸碱度	6.0~6.8	6.70	
Specific rotation 比旋光度[α] D	+139.0° ~ +145.0°	141.3°	
Solubility 溶解性	Freely soluble in water 易溶于水	Conform 符合规定	
Assay 含量	NLT 98.5% ≥98.5%	99.80%	
Loss on drying 干燥失重	NMT 0.5% ≤0.5%	0.05%	
Residue on ignition 灼烧残渣	NMT 0.1% ≤0.1%	0.05%	

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Items 项目	Specifications 标准	Results 结果
Chlorides (W/V) 氯化物	NMT 0.03% ≤0.03%	Conform 符合规定
Heavy metals 重金属	NMT 10mg/kg ≤10mg/kg	Conform 符合规定
As 砷	≤2mg/kg	Conform 符合规定
Cd 镉	≤5mg/kg	Conform 符合规定
Hg 汞	≤1mg/kg	Conform 符合规定
E. coli 大肠杆菌	Negative	Conform 符合规定
Bacterial endotoxin 细菌内毒素	NMT 10 EU/g ≤10 EU/g	≤10 EU/g
Yeast & mold count 霉菌和酵母菌总数	NMT 50 CFU/g ≤50 CFU/g	≤10 CFU/g
Total plate count 菌落总数	NMT CFU/g ≤100 CFU/g	≤100 CFU/g
Conclusion 结论	The product tested conforms with in-house standard. 经检验, 产品符合内部标准。	
Storage 储存条件	Preserve in tightly closed containers, protected from light and stored at room temperature 遮光、密封、室温保存	

Reported by: 报告人:  Date: 日期: 2024.04.14	Received by: 复核人:  Date: 日期: 2024.04.14	Approved by: 批准人:  Date: 日期: 2024.04.14
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