



Inspection report

质量检测报告

编号: SMP-QC(02)-018-R01-01

检验单号 Analysis sheet No.: E062402010		复验日期 Retest date: Feb 01, 2026	
检验依据 Analysis according: QS-01-E06-01			
序号 Serial number	项目 Items	限度 Limits	检验结果 Results
1	性状 Description	白色结晶性粉末, 无异味 White crystalline powder, no odor	白色结晶性粉末, 无异味 White crystalline powder, no odor
2	鉴别 Identification	样品红外吸收图谱与对照一致 The infrared absorption spectrum is concordant with the reference spectrum 样品主峰保留时间与对照一致 The retention time of the man peak of the test solution was consistent with the reference solution	合格 Complies
3	干燥失量 Loss on drying	10.0%-12.0%	11.0%
4	含量(HPLC) Assay	99.5%-102.0%	100.4%
5	纯度(HPLC) Purity	≥99.0%	99.9%
6	有关物质 Related substances	双氰胺 Dicyandiamide ≤0.005% 肌酸酐 Creatinine ≤0.01% 双氯三嗪 Dihydrotriazine ≤0.0005% 其他单杂 Other miscellaneous ≤0.1% 其他单杂总和 Other miscellaneous sum ≤1.5% 总杂 Total impurities ≤2.0%	0.004% 0.003% 未检出 Not detected 0.03% 0.04% 0.05%
7	炽灼残渣 Residue on ignition	≤0.1%	0.1%
8	硫酸盐 Sulfate	≤0.03%	合格 Complies
9	重金属 (以Pb计) Heavy metals (in Pb)	≤10ppm	合格 Complies
10	铅 Pb	≤0.1ppm	未检出 Not detected



Quality Inspection report

品质检测报告

编号: SMP-QC(02)-018-R01-01

检品名称 Product name: 一水肌醇 Inositol Monohydrate			
批号 Batch No.: E06202402008	生产日期 Date of Production: Feb 02, 2024		
数量 Quantity: 1013.60Kg	检验日期 Test date: Feb 06, 2024		
规格 Standard: 25Kg/件	报告日期 Date of Report: Feb 18, 2024		
检验单号 Analysis sheet No.: E062402010	复验日期 Retest date: Feb 01, 2026		
检验依据 Analysis according: QS-01-E06-01			
序号 Serial number	项目 Items	限度 Limits	检验结果 Results
11	砷 As	≤1ppm	未检出 Not detected
12	汞 Hg	≤0.01ppm	0.01ppm
13	镉 Cd	≤1ppm	0.0004ppm
14	氰化物 Cyanide	≤1ppm	合格 Complies
15	硫酸试验 Sulfuric acid test	不碳化 Not carbonized	合格 Complies
16	粒径 Particle size	≥70%通过 Pass	100% (200目)
17	自然密度 Natural density	≥600g/L (80目) / ≥400g/L (200目)	400g/L (200目)
18	振实密度 Vibrational density	≥720g/L (80目) / ≥550g/L (200目)	560g/L (200目)
19	需氧菌总数 Total number of aerobic bacteria	≤100cfu/g	20cfu/g
20	霉菌和酵母菌总数 Mold and yeast	≤100cfu/g	40cfu/g
21	大肠埃希菌 Escherichia coli	每 10g 不得检出 Not detected per 10g	未检出 Not detected
22	沙门菌 Salmonella	每 10g 不得检出 Not detected per 10g	未检出 Not detected
23	金黄色葡萄球菌 Staphylococcus aureus	每 10g 不得检出 Not detected per 10g	未检出 Not detected
结论: Conclusion:		符合特级品规定 Comply with the regulations for premium grade products	