



甲基倍他环糊精检验报告

COA for METHYL BETA CYCLODEXTRIN

CAS No.: 128446-36-6

批号 Batch No.	MD20240421	包装规格 Packing	10kg/袋Bag, 1kg/袋Bag, 0.1kg/袋Bag
生产日期 Manufacturing date	2024.04.21	数量 Quantity	1563kg
取样日期 Sampling date	2024.04.26	报告日期 Report date	2024.05.21
取样地点 Place of sample	洁净间 Clean room	有效期至 Expiry date	2027.04.20
检验依据 Test standard	企业标准 Enterprise standard		
检验项目 ITEMS	标准 CRITERIA	检验结果 RESULTS	
性状 Appearance	本品为白色或类白色粉末；无臭，味微甜；极易溶于水和甲醇，易溶于乙醇、乙二醇，几乎不溶于环己烷和乙酸乙酯 White or almost white powder; Odorless, slightly sweet; Freely soluble in water and methanol, soluble in ethanol and ethylene glycol, almost insoluble in cyclohexane and ethyl acetate.	符合 conform	
含量 Assay (按无水物计算 on the dried basis)	≥98%	99.9%	
比旋度 Specific rotation	+154°~+165°	+161°	
酸碱度 Water solution pH	pH5.0~7.5	6.2	
溶液澄清度 Clarity of solution	2.5g/25ml水溶液澄清 2.5g/25ml water solution is clear.	符合 conform	
杂质吸光度 Light-absorbing impurities	在230~350nm波长范围内的吸光度不得过1.0，在350~750nm波长范围内的吸光度不得过0.1。 Between 230 nm and 350 nm, the absorbance is not greater than 1.0; and between 350 nm and 750 nm, the absorbance is not greater than 0.1.	符合 conform	
平均取代度 Average degree of substitution	7.0~13.3	12.61	
干燥失重 Loss on drying	≤7.0%	2.8%	
倍他环糊精 Beta cyclodextrin	≤0.2%	未检出 Not detected	
炽灼残渣 Residue on ignition	≤0.5%	0.09%	
重金属 Heavy metal	≤10ppm	<10ppm	
氯化物 Chloride	≤0.2%	<0.2%	
需氧菌总数 The total aerobic microbial count	≤1000cfu/g	<10cfu/g	
霉菌、酵母菌总数 The total combined molds and yeasts count	≤100cfu/g	<10cfu/g	
大肠埃希菌 Escherichia coli	不得检出 Absence	未检出 Not detected	
贮藏 Packaging and storage	密闭保存 Preserve in well-closed containers.		
结论 Conclusion:	本品符合企业标准。 Compliant to the enterprise standard.		
报告人 Reporter:	审核人 Verifier:	批准人 Passer:	

