



MOBEL BIOMATERIALS TECHNOLOGY CO.,LTD

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质检分析报告 Certificate Of Analysis

报告编号 Report No.: QC-HA-MB23082

产品名称 Product Name			透明质酸钠 Hyaluronic Acid		
CAS No.			9004-6-1-9		
级别 Grade			化妆品级 Cosmetic grade	生产日期 Mfg. Date.	August 20 th 2023
批号 Batch No.			HA-MB23082	检测日期 Tested Date.	August 23 th 2023
批量 Batch Quantity			380.0Kgs	复测日期 Expiry Date.	August 19 th 2025
品牌 Brand			Mobelbio.	检验依据 Standard	Standard EP9.0
检测项目 Test Item			标准规定 Inspect Standard		检验结果 Results
项目 Item	性状 Appearance		白色至类白色粉末 White or almost white powder		白色粉末 White Powder
1	葡萄糖醛酸 Glucuronic Acid		≥44.5%		47.2%
2	透明质酸 Sodium Hyaluronate		≥95.0%		98.7%
3	特性粘数 Intrinsic Viscosity		实测值 Measured Value		17.1dl/g
4	平均相对分子量(Dalton) Molecular Weight(Dalton)		实测值 Measured Value (0.80M-1.2M Da)		1.0M Dal
5	吸光度(0.5%溶液) Absorbance (0.5% Aq.sol)		A280nm ≤0.25		0.10
6	透光率(0.5%溶液) Transmittance(0.5% Aq.sol)		T550nm≥99.0%		99.9%
7	溶解性 Appearance of solution		A600nm≤0.01		符合规定 Complied
8	PH 值(0.5% ap.sol.,25℃)		5.0-8.5		6.80
9	干燥失重 Loss on drying		≤10.0%		7.2%
10	蛋白质 Protein		≤0.1%		0.03%
11	贵金属 Heavy Metal	汞 Mercury (as Hg)	≤1.0mg/Kgs		符合规定 Complied
		铅 Lead (as Pb)	≤1.0mg/Kgs		
		砷 Arsenic (as As)	≤2.0mg/Kgs		
		镉 Cadmium (as Cd)	≤5.0mg/Kgs		
12	氯化物 Chlorides		≤0.5%		符合规定 Complied
13	菌落总数 Bacterial Counts		≤100.0CFU/g		符合规定 Complied
14	霉菌和酵母菌 Molds&Yeasts		≤50.0CFU/g		符合规定 Complied
15	金黄色葡萄球菌 Staphylococcus Aureus		不得检出/g Negative/g		未检出 Negative
16	铜绿假单胞菌 Pseudonymous Aeruginosa		不得检出/g Negative/g		未检出 Negative
17	耐热大肠杆菌 Thermotolerant Coliform Bacteria		不得检出/g Negative/g		未检出 Negative
结论 Conclusions			本品按照透明质酸质量指标 EP9.0 检验,结果符合规定. Results conform to specification of standard EP9.0.		