

CERTIFICATE OF ANALYSIS

检品名称Product name		辅酶Q10 Ubidecarenone	
批号Batch No. :F11202501001		生产日期Date of Production:Jan. 01, 2025	
数量Quantity:500. 50kg		有效期至Expiry dater Dec. 31, 2026	
规格Standard:25kg/drum		报告日期Date of Report:Jan. 13, 2025	
检验依据Analysis according: QS-01-F11-01			
序号 Serial number	项目 Items	限度 Limits	检验结果 Results
(1)	性状Description	黄色至橙黄色结晶性粉末, 无臭无味 Yellow to orange-yellow crystalline powder, odorless and tasteless	橙黄色结晶性粉末, 无臭无味 Orange-yellow crystalline powder, odorless and tasteless
(2)	鉴别Identification	取含量测定项下的供试品溶液, 加硼氢化钠50mg, 摇匀, 溶液黄色消失 Take the test solution under Assay, add 50mg sodium borohydride, shake well, the yellow color of the solution disappears 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 main peak of the test solution is consistent with the reference solution	合格 Complies
(3)	炽灼残渣 Residue on ignition	≤0.1%	0.04%
(4)	含量 (HPLC) Assay	98.0%~101.0%	98.9%
(5)	有关物质 Related substances	单个杂质Single impurity ≤0.5%	0.1%
		总杂质Total impurity ≤1.0%	0.2%
(6)	顺式异构体 Cis-isomer	≤0.5%	0.1%
(7)	铅 (以Pb计) Lead (Pb)	≤2.0mg/kg	0.3559mg/kg
(8)	总砷 (以As计) Total arsenic (As)	≤1.0mg/kg	未检出Not detected

(9)	总汞 (以Hg计) Total mercury (Hg)	$\leq 0.3\text{mg/kg}$	0.013mg/kg
(10)	菌落总数 Total plate count	$\leq 30000\text{CFU/g}$	$< 10\text{CFU/g}$
(11)	霉菌和酵母菌 Molds and yeasts	$\leq 50\text{CFU/g}$	10CFU/g
(12)	大肠菌群 Coliforms	$\leq 0.92\text{MPN/g}$	未检出Not detected
(13)	沙门氏菌 Salmonella	不得检出Not detected/25g	未检出Not detected
(14)	金黄色葡萄球菌 Staphylococcus aureus	不得检出Not detected/25g	未检出Not detected
结论 Conclusionz		符合规定 Meet the requirement	
负责人审核chief of QC: 陈凡2015年10月13日		批准Approval of 王今玲2025年01月13	

