



WEHEXA

合肥微合六边形生物技术有限公司
Hefei WeHexa Biotechnology Co., Ltd

产品检测报告
Certificate of Analysis

产品名称 Product name	依克多因 Ectoin		
CAS No.	96702-03-3		
生产批号 Batch No.	ECT20260402	有效期 Expiry Date	两年 Two years
生产日期 Production date	2026.04.02	报告日期 Report date	2026.04.09
检验项目 Test	目标值 Target value		测定结果 Results
鉴别 Identification	样品主峰出峰时间与标准品主峰出峰时间一致 The retention time of the main peak of the sample is consistent with that of the reference standard		符合 Compliant with standards
外观 Appearance	白色或类白色粉末 White or off-white powder		符合 Compliant with standards
含量 Assay	≥98.0%		99.12
pH 值 (2%水溶液) pH value	6.0-8.0		6.67
干燥减重 Loss on drying	≤1.0%		0.68%
比旋度 $[\alpha]_D^{20}$ Specific rotation	+139° ~+145°		+141.70°
透光率 Transmittance	≥98.0%		99.8%
灼烧残渣 Ignition residue	≤0.2%		0.03%
菌落总数 Total plate count	≤500 CFU/g		符合 Compliant with standards
霉菌和酵母菌 Molds and Yeasts	≤100 CFU/g		符合 Compliant with standards
检测结论 Conclusion	产品符合标准，合格。 The product meets the standards.		
检测人 Inspector	姚晨煜		
复核人 Checker	郑家妹		

备注：含量检测方法为高效液相色谱法（HPLC），以干基计。

Note: The assay is performed using high performance liquid chromatography (HPLC), with the content calculated on a dry-weight basis.

储存条件：保存于阴凉、干燥、避光处，避免高温和阳光直射。

Storage conditions: Store in a cool, dry, and dark place, avoiding high temperatures and direct sunlight.

