



滕州市奥龙精细化工有限公司

TENGZHOU AOLONG CHEMICAL CO., LTD.

Address: Jisuo Industrial Zone, Tengzhou City, Shandong Province, China

产品质量检验报告

CERTIFICATE OF ANALYSIS

产品名称 Product name	:	丙酸钠 Sodium Propionate	重量/数量 Weight / Quantity	:	
CAS No.	:	137-40-6	批号 Batch No.	:	20250101
EINECS No.	:	205-290-4			
生产日期 Manufacture date	:	JAN. 01. 2025	有效期至 Expiry time	:	JAN. 01. 2027

检验项目 Check Item	指标 Specification	检验结果 Result of Analysis
Appearance	Colourless crystals or, white or almost white powder, slightly hygroscopic	
Assay	99.0 per cent to 101.0 per cent	PASSED
Solubility	Freely soluble in water, sparingly soluble in ethanol (96 %), practically insoluble in methylene chloride	PASSED
IDENTIFICATION		
Infrared absorption spectrophotometry	Passes test	PASSED
Test for dissolve in a mixture of copper sulfate and methylene chloride	Both the upper and the lower layer show a blue colour	PASSED
Test for add silver nitrate	A white precipitate is formed	PASSED
Test for sodium	Passes test	PASSED
TESTS		
Appearance of solution	Clear and colourless	PASSED
pH	7.8 to 9.2	PASSED
Related substances: Liquid chromatography	Passes test	PASSED
Readily oxidisable substances	Passes test	PASSED
Iron	Maximum 10 ppm	PASSED
Loss on drying	Maximum 0.5 per cent	PASSED

检验标准 Test Standard	:	BP 2023
结论 Conclusion	:	Up to the specification
检验部门 Check department	:	