

TAIZHOU LINGFENG BIOTECHNOLOGY CO., LTD

CERTIFICATE OF ANALYSIS

Product Name	Aloe-emodin		
Batch No.	C001-2412005	Storage	Preserve in well-closed containers Store at room temperature
Quantity	600.00kg	Spec.	25kg/Drum
Manufacture Date	Dec. 25,2024	Retest Date	Dec. 24,2026
Cas No.	481-72-1	Quantity Specification	In-house

Tests	Specification	Results
Description	Light to dark orange powder.	Light orange powder
Solubility	Practically insoluble in water, soluble in Dimethyl acetamide.	Complies
Identification by HPLC	The RT of the principal peak in sample preparation should match with the RT of the principal peak of the standard preparation in assay	Complies
Loss on drying	Not more than 0.5%	0.2%
Residue on ignition	Not more than 0.2%	0.08%
Water content	Not more than 0.5%	0.1%
Purity	Not less than 95.0%	96.8%
Emodin	Not more than 0.10%	ND
Impurity at RRT 1.65	Not more than 1.0%	0.54%
Impurity at RRT 1.70	Not more than 2.0%	1.05%
Rhein	Not more than 1.0%	0.29%
Single Impurity	Not more than 1.0%	0.63%
Total Impurity	Not more than 5.0%	3.2%
Aloin Content	Not more than 0.10%	ND
Assay	Not less than 95.0%	96.6%
Conclusion	The batch of product been tested, conforms to the specification approved.	
Remark	N/A	
Reported by: 吴家梅	Reviewed by: 金晓量部	Approved by: 陈利军
Date: 2025.02.20	Date: 2025.02.20	Date: 2025.02.20

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