

## CERTIFICATION OF ANALYSIS

Product Name: Troxerutin

Batch No.: 20221220

Botanical Name: *Sophora Japonica L.*

Inspection Date: Dec. 20th, 2022

Quantity: 1000kg

Manufacture Date: Dec.19th, 2022

CAS Number: 7085-55-4

Expiry Date: Dec. 18th, 2024

TEST ITEM	SPECIFICATION	RESULTS
Appearance	Yellowsh-green crystalline powder,hygroscopic.	Complies
Solubility	Freely soluble in water	Complies
	slightly soluble in ethanol	Complies
Melting point	181°C	181°C
Loss on drying	≤5.0%	1.63%
Sulphated ash	≤0.4%	0.1%
Mesh size	100% pass 80 mesh	Complies
Identification	A. Infrared absorption spectrophotometry. Comparison: Troxerutin CRS. B. Examine the chromatograms obtained in the test for composition. Results: the principal peak in the chromatogram obtained with the test solution is similar in Position and size to the principal peak in the chromatogram with the reference solution(a).	Complies
Composition	Principal peak: minimum 80 percent ; Except for I peak: which can be maximum 10 per cent ; Any other peak: for each peak, maximum 5 percent	Principal peak: 87per cent; Except for I peak: which can be 4 per cent ; Any other peak:for each peak, 2 percent
Ethylene Oxide	≤1PPM	Complies
Methanol	≤300PPM	Complies
Heavy Metal	≤20PPM	<20PPM
Cadmium	≤1 PPM	Absent
Lead	≤3 PPM	Complies
Mercury	≤0.1 PPM	Complies



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Arsenic	≤1 PPM	Absent
Total plate count	≤1000CFU/g	Complies
Yeast & Mould	≤100CFU/g	Complies
E.Coli	Absent	Absent
Salmonella	Absent in 10g	Absent
S. aureus	Absent in 1g	Absent
Assay (on dry product)	95.0%-105.0%	<b>UV 99.43%</b>
Storage	Preserve in well-closed, dark, dry and cool place.	
Conclusion	Comply with EP standards.	

Inspector: Carlifor Wu



Verifier: Jack He

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