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Certificate of Analysis

Product Information

Product Name	Troxeutin (EP)	Report Number	TRP20211233
Batch Number	TRP211208	Manufacture Date	2021/12/08
Batch Quantity	500Kg	Expiry Date	2023/12/07

Test Items	Specifications	Result
Appearance	Yellow or Yellow-Green Powder; Odorless; Hygroscopic	Complies
Identification	A. IR : Identical with that of the reference (comparison:troxeutin CRS)	Complies
	B. Examine the chromatogram : Obtained in the test for composition	Complies
Assay (UV)	95.0% ~105.0%	98.35%
Loss on Drying	≤5.0%	1.21%
Sulphated Ash	≤0.4%	0.10%
Solubility	Soluble in water, slightly soluble in methanol, very slightly soluble in ethanol, and insoluble in chloroform.	Complies
Test	Principal Peak : Trihydroxyethylrutin ≥80%	82.90%
Monohydroxyethylrutin	For each peak, maximum 5%,except for 1 peak which can be maximum 10%	0.63%
Dihydroxyethylrutin		6.51%
Tetrahydroxyethylrutin		3.11%
Heavy Metal	<20ppm	Complies
Ethylene Oxide (GC)	<1ppm	Complies
Total Plate Count	<1000cfu/g	Complies
Yeast &Moulds	<100cfu/g	Complies
E-Coli	Negative	Complies

Conclusion

Conclusion	To be complied with in-house Specification and EP Standard.
Shelf Life	2 years when properly stored.
Storage	Store in cool & dry place, not freeze. Keep away from strong light.

Tested by: 张丽娜

Checker: 李明 Approved:

