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CERTIFICATION OF ANALYSIS

Product name:	TROXERUTIN	Specification:	EP6
Botanical Source:_	Sophora Japonica L.	Batch No.:	20201215
Batch Quantity:	100kg	Inspection Date:	12/15/2020
Manufacture date:	12/15/2020	Expiry date:	12/14/2022

Characters		
Appearance	Greenish yellow fine powder	Greenish yellow fine powder
Solubility	Soluble in water, slightly soluble in waterfree ethanol,practical in soluble in aether	Complies
Identification	 (A) IR (B) TLC (C) +0.1ml Fe(III) Cl +0.1ml FE(III) Cl+2ml 0.1N HCL (D) 1g Zn + 2ml 25% HCL 	Matching Matching Red-brown Green-brown Red
Tests		
Clarity of solution	<suspension i="" solution<="" td="" yellow=""><td>Complies</td></suspension>	Complies
Heavy Metal	≤10ppm	<10ppm
Loss on drying (130°C)	≤4.0%	1.8%
Melting Point	168℃−176℃	173℃
Residue on ignition	≤0.1%	0.05%
Ethylene oxide	≤1ppm	<1ppm
Assay (Spectrophotometry calculation based on dry substance)	95.0-105.0%	98.79%
Related hydroxyethyl – derivative of rutoside (HPLC)	≤20%	<20%
Particle size	100% pass 80 mesh	complies
Microbiological test		
Total plate count	≤1000cfu/g	<1000cfu/g
Yeast & Mould	≤100cfu/g	<100cfu/g
E.Coli	Absent	Absent
Pseudomonas aeruginosa	Absent	Alsem COICAL TECHN
Conclusion: the test results conform to	EP6	MEDICAL TECHNO
Storage: a cool & dry place protected f	from light, keep drum close when not it use	
Analyst: 万冬梅		ervisor: 吴艳波