

CERTIFICATE OF ANALYSIS

Product Name:	Rutin		
Batch No.	RAF01-2206001	Botanical source	Sophorae Japonica
Part of plant use	Flower	Report Date	June 7, 2022
Manufacturing Date	June 2, 2022	Expiry Date TO	May 5, 2025
Batch Quantity	Sample	Kosher	Kof-K ID:K-0000657
Analytical results			
Items	Specifications		Results
Appearance	Yellow to greenish-yellow powder		Conform
Identification	Must positive		Conform
Particle size	≥95% pass through 60 mesh		Conform
Bulk density	≥0.40gm/cc		0.43gm/cc
Chlorophyll	≤0.004%		< 0.004%
Red-pigments	≤0.004%		< 0.004%
Quercetin	≤5.0%		< 5.0%
Residue on ignition	≤0.5%		0.26%
Loss on drying	5.5%—9.0%		7.32%
Assay	95.0% —102.0%		97.45%
Heavy metals	≤10ppm		< 10ppm
Arsenic	≤1.0ppm		< 1.0ppm
Mercury	≤0.1ppm		< 0.1ppm
Cadmium	≤1.0ppm		< 1.0ppm
Lead	≤3.0ppm		< 3.0ppm
Microbiological test	Total aerobic microbial count: ≤1000cfu/g		< 10cfu/g
	Total yeasts and moulds count: ≤100cfu/g		< 10cfu/g
	E-Coli: Negative		Negative
	Salmonella: Negative		Negative
	Coliforms: ≤10cfu/g		< 10cfu/g
Residual Solvent	Meets the requirements of USP.		
Pesticide Screen	Meets the requirements of USP.		
GMO/BSE Status	Not genetically modified organism. Free of BSE.		
Storage	Store in tight containers, in a cool dry area.		
Conclusion	This product conforms to NF11 standard.		

Inspector: Carlifor Wu

Verifier: Jack He