

CERTIFICATE OF ANALYSIS

Product Name:	Apigenin		
Batch No.	YN20230210	Test Date	February 25, 2023
Manufacturing Date	February 10, 2023	Expiry Date TO	February 9, 2026
Quantity	1000kg		
Analytical results			
Items	Specifications	Method	Results
Color	Light yellow	Organoleptic	Conform
Odour	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform
Identification	Identical to R.S. sample	HPLC	Identical
Apigenin	≥98.0%	HPLC (on anhydrous basis)	98.20%
Sieve analysis	100% through 80 mesh	USP <786>	Conform
Water (KF)	≤2.0%	Eur.Ph.7.0 [2.5.12]	0.31%
Tap Ash	≤1.0%	Eur.Ph. <2.4.16>	0.07%
Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0425mg/kg
Arsenic(As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.1034 mg/kg
Cadmium(Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	<0.01 mg/kg
Mercury (Hg)	≤0.1mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0244mg/kg
Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Eur.Ph. <2.4.24>	Conform
Ethanol Residue	1000PPM		
Pyridine Residue	Negative		
N-butyl alcohol Residue	Negative		
Pesticides Residue	Meet USP Requirements	USP36 <561>	Conform
Total-Plate Count	≤10000 cfu/g	USP36 <2021>	10 cfu/g
Yeast &Mold	≤1000 cfu/g	USP36 <2021>	10 cfu/g
E. Coli	Negative	USP36 <2022>	Conform
Salmonella	Negative	USP36 <2022>	Conform
Packing & Storage	Packed in paper-drums and two plastic-bags inside Store in a well-closed container Away from moisture, light, oxygen		
Shelf life	36 months under the conditions above and in its original packaging		
Conclusion	The batch complies with the above specifications.		

Inspector: Carlifor Wu

Verifier: Jack He