

CERTIFICATE OF ANALYSIS

Apigenin 98% Apigenin (HPLC)

Batch No.: CQCS-A-A102122 Manufacture Date: 20210623 Expiry Date: 20240622

General Information			
Part Used	Rhizome	Solvents Used	Water&Ethanol
Botanical Source	<i>Apium graveolens var.dulce</i>	Country Of Origin	China
ITEMS	SPECIFICATION	METHOD	TEST RESULTS
Physical&Chemical Data			
Color	Light Yellow	Organoleptic	Conform
Odour	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform
Analytical Quality			
Identification	Identical to R.S. sample	HPTLC	Identical
Apigenin	≥98.0%	HPLC(on anhydrous basis)	98.66%
Sieve analysis	100 % through 80 mesh	Eur.Ph. <2.9.12>	Conform
Water(KF)	≤2.0 %	Eur.Ph. <2.5.12>	0.68%
Total Ash	≤1.0 %	Eur.Ph. <2.4.16>	0.01%
Contaminants			
Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0823 mg/kg
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	<0.01 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	<0.01 mg/kg
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	<0.01 mg/kg
Solvents Residue	Meet Eur.Ph. <2.4.24>	Eur.Ph. <2.4.24>	Conform
Pesticides Residue	Meet Eur.Ph. <2.8.13>	Eur.Ph. <2.8.13>	Conform
Microbiological			
Total Plate Count	≤10000 cfu/g	Eur.Ph. <2.6.12>	30 cfu/g
Yeast &Mold	≤1000 cfu/g	Eur.Ph. <2.6.12>	15 cfu/g
E.Coli.	Negative	Eur.Ph. <2.6.13>	Conform
Salmonella	Negative	Eur.Ph. <2.6.13>	Conform
General Status			
Non-Irradiation	≤700	EN <13751:2002>	226
Packing&Storage			
Packed in paper-drums and two plastic-bags inside;			
N.W:25kgs, I.D.35×H51cm;			
Store in a well-closed container Away from moisture,light, oxygen.			
Shelf life			
36 months under the conditions above and in its original packaging			

