

Certificate of Analysis

Product name:	Luteolin		
CAS #:	491-70-3	Used part:	Shell(100% Natural)
Plant Latin name:	Arachishypogaea Linn.	Molecular Formula:	C15H10O6
Batch Number:	YC1700501	Manu. Date:	Nov.1, 2017
Batch Size:	200KG	Expiration Date:	Nov.1, 2017
Net Weight:	10KG	Report Date:	Nov.1, 2017
Storage Condition:	Store in tight containers at controlled room temperature.		

Items	Specification	Result	Method
Maker Compounds			
Luteolin	≥98.00%	98.07%	BY HPLC
Organoleptic			
Appearance	Light-Yellow Fine Powder Fine Powder	Conforms	Visual
Color	Light-Yellow	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Drying Method	Vacuum drying	Conforms	
Physical Characteristics			
Particle Size	100%Through80 mesh	Conforms	AOAC973.03(TQ_106)
Loss on Drying	≅2.0%	1.62%	TQ-104(105°C/2h)
Ash (Sulphated Ash)	≅2.0%	0.85%	TQ-104(525°C/3h)
Total Heavy Metals	≤10ppm	Conforms	ICP/MS AOAC 993.14
Arsenic(As)	≤2ppm	Conforms	ICP/MS AOAC 993.14
Lead(Pb)	≤2ppm	Conforms	ICP/MS AOAC 993.14
Mercury(Hg)	≤1ppm	Conforms	ICP/MS AOAC 993.14
Cadmium (Cd)	≤1ppm	Conforms	ICP/MS AOAC 993.14
Microbiological Tests			
Total Plate Count	≤1000cfu/g	Conforms	AOAC996. 23
Total Yeast & Mold	≤100cfu/g	Conforms	FDA(BAM) 7th Ed.
E.Coli	Negative	Negative	USP33,NF28,2010
Salmonella	Negative	Negative	USP33,NF28,2010
Staphylococcus	Negative	Negative	USP33,NF28,2010
sterilization method	High temperature sterilizing		
Conclusion:	Conforms to in-USA standard		
Tested by	CaixiaLing	Approved by	RuLU

Packing and Storage : Packed in paper drums and two plastic bags inside. Store in well closed container away from moisture.