

CERTIFICATE OF ANALYSIS

Product Name	Punicalagin	Batch Size	200 kg
CAS No.	65995-63-3	Batch No.	SLG20220531
Botanical Source	<i>Punica granatum L.</i>	MFG. Date	2022-05-31
Plant Part	Peel	Retest Date	2024-05-30
Country of Origin	China	Issue Date	2022-06-07
ITEM	SPECIFICATION	RESULT	TEST METHOD
Physical Description			
Appearance	Brown Powder	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Olfactory
Particle size	98% pass through 80 mesh sieve	Conforms	CP2020
Chemical Tests			
Assay	≥30.0%	32.47%	HPLC
Loss on drying	≤10.0%	2.78%	CP2020
Ash	≤2.0 %	1.62%	CP2020
Heavy Metals	≤20 ppm	Conforms	CP2020
Lead (Pb)	≤2ppm	Conforms	CP2020(AAS)
Cadmium (Cd)	≤1ppm	Conforms	CP2020(AAS)
Arsenic (As)	≤2 ppm	Conforms	CP2020(AAS)
Mercury (Hg)	≤1 ppm	Conforms	CP2020(AAS)
Microbiology Control			
Aerobic bacterial count	≤1,000 CFU/g	Conforms	CP2020
Total Yeast & Mold	≤100 CFU/g	Conforms	CP2020
Escherichia coli	Negative	Conforms	CP2020
Salmonella	Negative	Conforms	CP2020
Conclusion	Conforms to specification		
Storage:	Store in tightly sealed and preferably full containers in cool, dry and ventilated area.		
Shelf Life	24 months when properly stored.		
Status:	Non-irradiation; Non-GMO; No Carrier; Halal & Kosher certified.		

QA:

Fei wang

QC:

Fei zhao

Date: Jun. 7, 2022