



西安绿泉科技有限公司

XI'AN GREEN SPRING TECHNOLOGY CO., LTD.

CERTIFICATE OF ANALYSIS

Product Name:	Pomegranate extract
Botanic name	Punica granatum L.
Description:	Grey powder with characteristic flavor and odor
Identification	Passes all criteria tests
Batch No.	220810
Quantity	1200kg
MFG. Date	Aug.10th,2022
Expiry Date	Aug. 10th,2024

Item	Specification	Result	Method
Maker Compounds	NLT40.0% Ellagic acid	40.33%	HPLC
Organoleptic			
Appearance	Fine Powder	Conforms	Visual
Color	Grey	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
extract solvent	Alcohol & Water	Conforms	
Physical Characteristics			
Particle Size	NLT100% Through 80 mesh	Conforms	USP <786>
Loss on Drying	≤5.0%	2.28%	USP <731>
Ash Content	≤5.0%	1.45%	USP <561>
Heavy metals			
Total Heavy Metals	≤10ppm	<10ppm	USP <231>
Arsenic	≤2ppm	0.523ppm	USP <211>
Lead	≤2ppm	0.453ppm	USP <251>
Cd	≤1ppm	0.328ppm	USP <231>
Hg	≤0.5ppm	0.012ppm	USP <261>
Microbiological Tests			
Total Plate Count	≤1000cfu/g	150cfu/g	USP <2021>
Total Yeast & Mold	≤100cfu/g	50cfu/g	USP <2021>
Enterobacteriaceae	Negative	Negative	USP <2022>
E. Coli	Negative	Negative	USP <2022>
Salmonella	Negative	Negative	USP <2022>
Irradiation	None		

Storage Cool & dry place, Keep away from strong light and heat.
Shelf 2 year when properly stored.

