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SPECIFICATION SHEET

Product Name	POMEGRANATE P.E 45%	
Botanical Name	Punica granatum L.	
Part Used	Fruit	
Solvent Used	Water & Ethanol	
ANALYSIS	**SPECIFICATION**	**TEST PROTOCOL**
ASSAY		
Ellagic acid	≥ 45%	HPLC
PHYSICAL CONTROL		
Appearance	Brown fine powder	Visual
Odor	Characteristic	Organoleptic
Identification	Identical to R.S> sample	HPTLC
Sieve analysis	100% through 80 mesh	USP34 <786>
Loss on Drying	≤ 5%	Eur.Ph.7.0[2.8.17]
Bulk Density	30 ~60 g/100ml	Eur.Ph.7.0[2.9.15]
CHEMICAL CONTROL		
Lead (Pb)	≤ 3mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS
Arsenic (As)	≤ 2mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS
Cadmium (Cd)	≤ 1mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS
Mercury (Hg)	≤ 0.1mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS
MICROBIOLOGICAL CONTROL	**NON-IRRADIATION**	
Tatal plate Count	≤ 10,000 cfu/g	USP34<61>
Total Yeast & Mold	≤ 1,000 cfu/g	USP34<61>
Salmonella	Negative	USP34<62>
E. Coli	Negative	USP34<62>

Storage:

Store in a well-closed container away from moisture, light, oxygen

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : _____

Abdullah Malik (QA)