



Ginseng Extract Specification

Product Name : Ginseng Extract
Origin Of Material : China
Lot No. : PC-SO240214
Extract Solvent : Water
Packaging Size : 1 Kg

Botanical Name : *Panax ginseng* C. A. Mey
Part Used : Stem & Leaf
MFG. : 14/02/2022
EXP. : 14/02/2024
Packaging : Aluminium Foil Zip Lock Bag

Analysis	Specification	Reference Method
Physical Test		
-Appearance	Light yellow powder	Visual
-Odor & Taste	Characteristic	Organoleptic
-Particle Size	98% through 80 mesh	Organoleptic
Chemical Test		
-Assay (Ginsenoside)	$\geq 80.000\%$	UV-VIS
-Assay (Ginsenoside)	$\geq 40.000\%$	HPLC
-Moisture Content	$\leq 5.000\%$	USP37<921>
-Ash Content	$\leq 1.000\%$	USP37<561>
Heavy Metals		
-Arsenic (As)	≤ 2.00 ppm	USP37<233>
-Lead (Pb)	≤ 3.00 ppm	USP37<233>
-Cadmium(Cd)	≤ 1.00 ppm	USP37<233>
-Mercury(Hg)	≤ 0.10 ppm	USP37<233>
Microbiological Test		
-Total Plate Count	$\leq 10^3$ cfu/g	USP37<61>
-Total Yeast & Mold	$\leq 10^2$ cfu/g	USP37<61>
-Escherichia coli	Negative/10g	USP37<62>
-Salmonella	Negative/10g	USP37<62>

Conclusion : Conform with the specification.

Storage : In cool & dry place. Keep away from strong light and heat.

Shelf life : 2 years when properly stored.

(14 / 02 / 2022)

Quality Control

(14 / 02 / 2022)

Research & Development

