

Certificate of Analysis

Product and Batch Information

Product Name	Panax Notoginseng Extract Powder	Botanical Source	Panax notoginseng
	Notoginseng Total Saponins(oral)		
Batch No.	QH20200816	Part Used	Root
Manufacturing Date	Aug.16.2020	Solvents of Used	Ethanol
Analysis date	Aug.20.2020	Expiry date	Aug.15.2022
Report date	Aug.28.2020	Country of Origin	P. R. China

ANALYSIS ITEM	SPECIFICATION	RESULT
Identification	HPLC RRT Of R1,Rg1, Re,Rb1, and Rd in sample chromatogram comply with reference standard chromatogram	Complies
Description	off-white to faint yellow amorphous powder bitter in taste, slightly sweet	Complies
Color of solution	not more intense than reference solution Y4	Y4
Loss on drying	≤5%	1.40%
Residue on Ignition	≤0.5%	0.30%
Heavy Metals		
Lead (Pb)	≤5ppm	0.2ppm
Arsenic (As)	≤2ppm	0.0009ppm
Mercury (Hg)	≤0.2ppm	N.D.
Cadmium(Cd)	≤0.3ppm	0.005ppm
Copper(Cu)	≤20ppm	N.D.
Total saponins by HPLC	≥75%	85.40%
Ginsenoside Rb1	≥30%	33.60%
Ginsenoside Rg1	≥25.0%	29.20%
Notoginsenoside R1	≥5.0%	9.20%
Ginsenoside Re	≥2.5%	4.00%
Ginsenoside Rd	≥5%	9.40%
Total bacterial count	≤2000cfu/g	Complies
Yeast & Mold	≤200cfu/g	Complies

General Information

Conclusion	Conform to the specification with CP2015
Storage	Keep in cool & dry place. Keep away from strong light and heat.
Packing	20kgs/drum,Packing in paper-drums and two plastic-bags inside.

Tester: Mr. Zhang YongFeng

Approved: Ms. Pan ShuPing