



Product Specifications
Valerian Root Powder
(Valeriana officinalis)



Product Code: 83617000

Product Description: Pure valerian root (*Valeriana officinalis*) powder; steam sterilized.

Product Properties

Color	Medium to dark brown
Appearance	Powder, uniform particles
Taste	Characteristic of valerian root; bitter
Odor	Characteristic of valerian root; pungent
Excipient	None
Mesh Size	≥ 98.0% through 40 mesh ≥ 99.0% through 60 mesh
Identity	HPTLC profile unique to valerian root
Plant part used	Root

Analytical Values

Spec.

Bulk Density	As reported	g/mL
Tapped Density	As reported	g/mL
Moisture	≤ 12.0	%
Total Ash	≤ 25.0	%

Heavy Metals and Pesticides

Spec.

Lead	< 3.000	ppm
Arsenic	< 3.000	ppm
Cadmium	< 3.000	ppm
Mercury	< 3.000	ppm
Pesticides	Conforms to USP <561> requirements.	

Microbiological Values

Spec.

Total Aerobic Plate Count	≤ 100,000	CFU/g
Yeast	≤ 1,000	CFU/g
Mold	≤ 1,000	CFU/g
Total coliforms	< 1,000	CFU/g
<i>E.coli</i>	None Detected	/25g
<i>Salmonella</i>	None Detected	/25g

Country of Origin: Poland (raw material), US (raw material and manufacturing)

Packaging: Packed in a poly bag in corrugated box, 50lbs net weight

Storage: The product must be stored in a dark, cool, and dry area. Keep the package well-sealed.

Best Used By: 36 months after production date under proper storage conditions

Quality Assurance

The information contained herein is, to the best of our knowledge, correct. The data outlined and the statements made are intended only as a source of information. No warranties, expressed or implied, are made. On the basis of this information, it is suggested that you evaluate the product on a laboratory scale prior to use in a finished product.

Customer Approval

I acknowledge and agree to the above specifications. Any parameters outside of these would not fall within the scope of the product specifications. Please return this specification sheet signed for approval otherwise we consider it accepted.

Name (print):

Signature:

Title:

Date:
