ROOTS24

Certificate of Analysis
TURKESTERONE

General Information			
Product Name:	Ajuga Turkestanica Extract	Batch Number:	PC241125
Botanical Source:	Ajuga Turkestanica	Manufacture Date:	Nov.22,2024
Part Used:	Whole Herb	Analysis Date:	Nov.25,2024
Quantity:	500kgs	Expire Date:	Nov.21,2026

Items	Standard	Test Results	Test Method
Physical and Chemical Property			
Active ingredients	Turkesterone≥10.0%	10.12%	HPLC
Appearance	Brown Powder	Complies	Visual
Odor & Taste	Characteristic	Complies	Organoleptic
Particle Size	95% pass 80 mesh	Complies	USP<786>
Loss on Drying	≤5.0%	3.27%	USP<731>
Ash	≤5.0%	3.14%	USP<281>
Heavy Metal			
As	≤2.0ppm	<2.0ppm	ICP-MS
Pb	≤2.0ppm	<2.0ppm	ICP-MS
Cd	≤1.0ppm	<1.0ppm	ICP-MS
Hg	≤0.1ppm	<0.1ppm	ICP-MS
Microbiological Test			
Total Plate Count	≤1,000cfu/g	Complies	AOAC
Yeast & Mold	≤100cfu/g	Complies	AOAC
E.Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Staphylococcus aureus	Negative	Negative	AOAC