



FORM 017.1	<b>Ajuga Extract 10:1 TLC</b>	Page 1 of 1
Prepared by: Milady Garcia Date: 01/12/2024		Approved by: Rosa L. Solis Date: 01/12/2024 

Reference No.:

18835

RELEASED

Lot Number:	JGC250722
Vendor Name:	Hongda Phytochemistry
Source or Botanical Name:	Ajuga turkestanica
Part Used:	Herb
Country of Origin:	China / USA
Shelf life:	07/22/2025 07/21/2028
Storage:	Clean, Cool and Dry Place
Qualified Vendor <input type="checkbox"/> Non-Qualified Vendor <input type="checkbox"/> Re-qualification <input type="checkbox"/> Customer Supply (C/S) <input checked="" type="checkbox"/>	

Test item	Method	Specification	Result	Pass/Fail	Reference	Tested by / Date
Appearance	Visual	Powder	Conforms	P	11A	RLV 10/15/25
Color		Light Brown to Brown	Light Brown to Brown	P		
Odor						
Taste						
Identification					110	RLV 10/15/25
Loss on Drying	SOP L066	Report Result*				
Heavy Metals	STP 079	≤10 ppm			<del>Testing</del> RLV 10/15/25	
Lead		≤3.0 ppm				
Arsenic		≤2.0 ppm				
Cadmium		≤1.0 ppm				
Mercury		≤1.0 ppm				
<b>Microbiological Data</b>						
Total Aerobic Count	SOP L057	≤10,000 CFU/g			<del>Testing</del> RLV 10/15/25	
Yeast and Mold Count	SOP L058	≤1,000 CFU/g				
Salmonella spp.	SOP L060	Negative				
Escherichia coli	SOP L059	Negative				

\*Based to Vendor Specification

\*\*Vendor Qualification is subjected to additional tests

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**Ajuga Turkestanica Extract 10.1 TLC**

<b>Batch No.</b>	JGC250722	<b>Manufacturing Date</b>	7/22/2025
<b>Batch Quantity</b>	3000KG	<b>Expiration Date</b>	7/21/2028
<b>Botanical Source</b>	<i>Ajuga Turkestanica</i>	<b>Country of Origin</b>	China
<b>Appearance</b>	Brown Fine Powder	<b>Part Used</b>	Herb (100% Natural)
<b>Solvents Used</b>	Water	<b>Carrier Used</b>	Dextrin
<b>Sterilization Method</b>	Heat    NON-IRR	<b>Kosher    Halal</b>	Yes    No

<b>ITEMS</b>	<b>SPECIFICATION</b>	<b>RESULT</b>	<b>METHOD</b>
Ratio	10:1	10:1	TLC    USP<201>
Identification	Correspond to standard	Conform	TLC    USP<201>

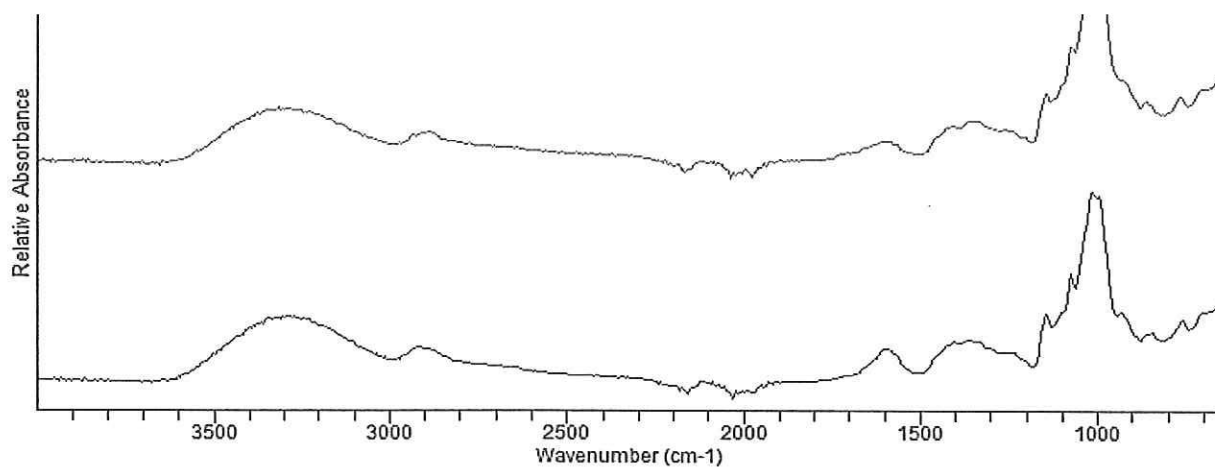
**PHYSICAL CHARACTERISTICS**

Odor	Characteristic	Conform	Organoleptic
Taste	Characteristic	Conform	Organoleptic
Particle Size	NLT 95% Through 80 mesh	Conform	Analytical sieving    USP <786>
Loss on Drying	NMT 5.00%	1.15%	USP <731>
Acid-Insoluble Ash	NMT 5.00%	3.97%	USP <561>
Bulk Density	Between 30-60g/100ml	50.50g/100ml	USP <616> Method I

**CHEMICAL CHARACTERISTICS**

Pesticide Residue	Meet the requirements	Conform	GC    USP <561>
Heavy Metals(as Pb)	NMT 10ppm	Conform	USP <231> Method II
Arsenic (As)	NMT 2ppm	0.045ppm	ICP-MS
Lead (Pb)	NMT 2ppm	0.132ppm	ICP-MS
Cadmium(Cd)	NMT 1ppm	Not Detected	ICP-MS
Mercury(Hg)	NMT 1ppm	Not Detected	ICP-MS

**MICROBIOLOGICAL CHARACTERISTICS**



Quality	Library	CAS#	Name
0.96934	AJUGA TURKEST EXTRACT REFERENCE (0)		AJUGA TURKEST EXTRACT REFERENCE