

Stock Solution/Final Product Acceptance Criteria

Analyte	Maximum level	Comment	Guideline
<u>Metals</u>			
Arsenic	1.5 ppm	Consistent negative tests for three months-then will change to a random test on a quarterly basis. A change in a manufacturer's cultivation process will trigger a new round of consistent testing for three months.	FDA Q3D, Elemental Impurities Guidance*
Cadmium	0.30 ppm		
Lead	1.0 ppm		
Mercury	0.5 ppm		
<u>Toxins</u>			
Aflatoxin B1	5 ppb	Consistently test for all four toxins. B1 has a limit of 5 ppb and there is a 20ppb total limit for all four toxins combined.	American Herbal Pharmacopoeia Recommended Standards
Aflatoxin B2	- ppb		
Aflatoxin G1	- ppb		
Aflatoxin G2	- ppb		
<u>Microbials</u>			
Salmonella	Absence in 1g	Consistent testing on all microbials	American Herbal Pharmacopoeia Cannabis Inflorescence*
E. Coli	7 CFU/g		
Mold and Yeast	1000 CFU/g		
Aerobic Bacteria	100000 CFU/g		
Bile tolerant gram negative bacteria	150 CFU/g		
<u>Pesticides</u>			
		Random quarterly testing for Pesticides. Consistent testing of stock solutions will occur if a manufacturer has notified the OMC that they intend to use a particular pesticide.	US Pharmacopeia Herbal Medicines Compendium Chapter 561**
<u>Solvents</u>			
Pentane	3000 ppm	Random quarterly testing.	FDA Q3C Guidance*
n-hexane	290 ppm		

*Limits are at or below the recommended guidelines, E. Coli level is based on the laboratory reporting limit of 5 CFU/g

**Specific tolerance limits are listed in table 4 of Chapter 561 of the US Pharmacopeia Herbal Medicines Compendium