



STAR MANUFACTURING

# CERTIFICATE OF ANALYSIS

## MICROBIAL AND HEAVY METAL TESTING

3020 E. Camelback Rd. Suite 397  
Phoenix, AZ 85016

### GENERAL INFORMATION

PRODUCT NAME: **Spermidine Capsules - 120 Count**

LOT #: **211009**

DATE SAMPLED: **11/11/2021**

DATE TESTED: **11/17/2021**

SAMPLED BY: **Jackie Hernandez**

### ANALYSES

ITEM DESCRIPTION	SPECIFICATION	USP CHAPTER	RESULT
<b>MICROBIOLOGY ANALYSIS</b>			
Total Aerobic Count	100,000 CFU/g	USP<2021>	<2500 CFU/mL
Yeast & Mold	1,000 CFU/g	USP<2021>	<20 CFU/mL
Enterobacteriaceae / Coliform	1,000 CFU/g	USP<2021>	<20 CFU/mL
Escherichia coli (E. coli)	Negative/10g	USP<2022>	Negative/10g
Salmonella	Negative/10g	USP<2022>	Negative/10g
Staphylococcus aureus	Negative/10g	USP<2022>	Negative/10g
<b>HEAVY METAL ANALYSIS</b>			
Arsenic (As)	1.5 ppm	USP<2232>	0.170 ppm
Cadmium (Cd)	0.5 ppm	USP<2232>	0.018 ppm
Mercury (Hg)	1.5 ppm	USP<2232>	<0.010 ppm
Lead (Pb)	1.0 ppm	USP<2232>	<0.010 ppm

### ADDITIONAL INFORMATION/TESTING

NMT=No More Than

### FINAL APPROVAL

Reported By:  Date: 11/22/2021  
Quality Chemist

RELEASED

REJECTED

By:  Date: 11/24/21  
Quality Unit Reviewer

Comments: