

Certificate of Analysis

PRODUCT NAME: Ashwagandha Root Extract 4.1

INCI: Withania Somnifera

LOT # BPCARPE122023

EXPIARY: December 2027

ORIGIN: India

Properties	Method	Specification	Results
APPEARANCE:	VISUAL	POWDER	CONFORMS
COLOR:	VISUAL	BROWN	CONFORMS
TASTE:	ORGANOLEPTIC	CHARACTERISTIC	CONFORMS
ODOR:	ORGANOLEPTIC	TYPICAL	CONFORMS
IDENTIFICATION:	FTIR	VERIFIED	VERIFIED
EXTRACTION BY:	METHANOL & WATER	METHANOL & WATER	CONFORMS
LOSS ON DRYING:	MF-50 MOISTURE ANALYZER	<10%	3.65%
HEAVY METALS:	AOAC 993.14	<5 PPM	<2 PPM
LEAD:	AOAC 993.14	REPORT ONLY	0.016 PPM
ARSENIC:	AOAC 993.14	REPORT ONLY	0.041 PPM
CADMIUM:	AOAC 993.14	REPORT ONLY	0.003 PPM
MERCURY:	AOAC 993.14	REPORT ONLY	<0.001 PPM
<u>MICROBIOLOGICAL ANALYSIS:</u>			
TOTAL AEROBIC			
PLATE COUNT:	AOAC 966.23	<10,000 cfu/g	<10,000 cfu/g
YEAST & MOLD:	FDA-BAM 8th-ED	<300 cfu/g	<300 cfu/g
TOTAL COLIFORM:	FDA-BAM 8th-ED	NEGATIVE	NEGATIVE
E. COLI:	FDA-BAM 8th-ED	NEGATIVE	NEGATIVE
SALMONELLA:	AOAC 2013.01	NEGATIVE	NEGATIVE
S. AUREUS:	FDA-BAM 8th-ED	NEGATIVE	NEGATIVE

Shelf life depends on storage. Keep away from Light, Heat, Moisture & Air.

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