

CERTIFICATE OF ANALYSIS

Product: Red Lentil Powder
Botanical Name/INCI: Lens sp
Part Used: Seeds
Lot No: BPCRLP092023
Best Before: September, 2027
Origin: India

<u>ANALYSIS</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>TEST</u>
Description	Powder	Powder	Visual
Identification	Positive	Conform	HPTLC
Color	Cream to Pale Orange	Pale Orange	Visual
Taste	Characteristic	Characteristic	Organoleptic
Odor	Characteristic	Characteristic	Organoleptic
Loss on drying	10.0% Max	3.19%	1g/105/2HRS
Heavy Metals	<10.0ppm	<10.0ppm	ICP-MS
(Pb)	≤3.0ppm	0.0337ppm	
(As)	≤2.0ppm	0.01ppm	
(Cd)	≤2.0ppm	<0.0050ppm	
(Hg)	≤1.0ppm	<0.050ppm	
Gluten	-	Negative	AgraStrip
Mesh Size	Through 40 mesh	100%	USS Sieving
<u>MICROBIOLOGICAL</u>			
Total Plate Count	≤500,000cfu/g	<1,000cfu/g	FDA BAM 8th
Yeast	≤1,000cfu/g	<100cfu/g	FDA BAM 8th
Mold	≤1,000cfu/g	<100cfu/g	FDA BAM 8th
Coliforms	≤500cfu/g	<100cfu/g	FDA BAM 8th
E. coli	Absent/10g	Absent/10g	USP <2022>
Salmonella	Negative/25g	Negative/25g	AOAC 998.09

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