

Certificate of Analysis

Organic Chili Powder - Batch: Q05-70559/100915-1530-ES - 07.2024

Sensory Characteristics	
Parameter	Declaration
Ingredient	Organic Chili Powder
Odour	Characteristic, without any foreign odour
Flavour	Characteristic, without any foreign flavour

Physical-Chemical Analysis		
Parameters	Value	Unit
Capsaicin		
- Nordihydrocapsaicin	142	mg/kg
- Capsaicin	1703	mg/kg
- Dihydrocapsaicin	639	mg/kg
- SHU (calculated from Capsaicinoides above)	38800	
Illegal Dyes		
- Sudan I	<10	* µg/kg
- Sudan II	<10	* µg/kg
- Sudan III	<10	* µg/kg
- Sum: Sudan IV + Sudan Red B expressed as Sudan	<10	* µg/kg
- Sudan Orange G	<10	* µg/kg
- Sudan Red G	<10	* µg/kg
- Sudan Red 7B	<10	* µg/kg
- Para Red	<20	* µg/kg
- 4-(Dimethylamino)azobenzene	<10	* µg/kg
- Rhodamine B	<10	* µg/kg
- Orange II	<20	* µg/kg
- cis-Bixin	<100	* µg/kg



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Physical-Chemical Analysis		
Parameters	Value	Unit
Sample preparation (0 to 4 kg) for Afla/OTA (Slurry preparation)		
- weight for slurry	94	g
- water additional (slurry)	300	%
Aflatoxin B1, B2, G1, G2 (spices, special matrix)		
- Aflatoxin B1	<1	* µg/kg
- Aflatoxin B2	<1	* µg/kg
- Aflatoxin G1	<1	* µg/kg
- Aflatoxin G2	<1	* µg/kg
- Sum of all positive Aflatoxins	<4	* µg/kg
Ochratoxin A (spices, special matrix)		
- Ochratoxin A (OTA)	6.7	µg/kg
* = below indicated quantification level		

Microbiological Analysis		
Parameters	Value	Unit
Moulds 25°C	100	cfu/g
Yeasts 25°C	< 100	cfu/g
Clostridium perfringens	< 10	cfu/g
Enterobacteriaceae 37°C	440	cfu/g
Listeria monocytogenes	Not detected	/25 g
Presumptive Bacillus cereus 30°C	< 100	cfu/g
Escherichia coli 44°C	< 10	cfu/g
Anaerobic Sulphite Reducing Bacteria 37°C	< 10	cfu/g
Aerobic Plate Count 30°C	450000	cfu/g
Coliforms 30°C	280	cfu/g



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Microbiological Analysis		
Parameters	Value	Unit
Salmonella	Not detected	/125 g
* = below indicated quantification level		

Pesticides Analysis		
Parameters	Value	Unit
LC-MS/MS		
- Screened pesticides	< LOQ	
GC-MS/MS		
- Screened pesticides	< LOQ	
GC-NCI-MS		
- Screened pesticides	< LOQ	
Glyphosate, AMPA (Glyphosate metabolite) and Glufosinate		
- Glyphosate	< 0.01	mg/kg
- Aminomethylphosphonic acid (AMPA)	< 0.01	mg/kg
- Glufosinate	< 0.01	mg/kg

