

# BaseBulk

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Turmeric ground
<b>Curcumin Content</b>	1.0% curcumin
<b>Certificate Number</b>	20250113/36160
<b>Origin</b>	India
<b>Batch Number</b>	3165
<b>Crop Time</b>	November 2024
<b>Shelf Life</b>	48 months
<b>Packing</b>	25 kg, polypropylene bag
<b>Quantity</b>	250,000.000 kg
<b>Storage Conditions</b>	To be kept sealed in a dry, clean, cold and dark place

### Physical & Chemical Characteristics

<b>Analysis Item</b>	<b>Specification</b>	<b>Result</b>
Moisture, present by mass	12% max	6.92%
Extraneous matter, present by mass*	Not contained	Confirmed
Total ash on dry mass, present by mass	9% max	8.70%
Acid insoluble ash on dry basis, present by mass	1.5% max	1.41%
Fineness, passing through sieve 300 µm	98% min	99.74%
Colouring power, expressed as curcuminoids content on dry mass, present by mass	1.0% min	1.46%

### Microbiological Tests

Analysis Item	Specification	Result
E. coli	Absent in 0.01g	$< 1 \times 10^1$ cfu / g
Salmonella spp.	Absent in 25.0g	Absent in 25.0g
Total aerobic plate count	$< 10^6$ cfu/g	$2.2 \times 10^5$ cfu/g
Yeasts	$< 10^4$ cfu/g	$< 1 \times 10^3$ cfu/g
Moulds	$< 10^4$ cfu/g	$< 1 \times 10^3$ cfu/g

### Mycotoxins

Analysis Item	Specification
Aflatoxin B1	$\leq 5$ ppb
Sum of aflatoxins B1, B2, G1, G2	$\leq 10$ ppb
Ochratoxin A	$\leq 15$ ppb

### Heavy Metals

Analysis Item	Specification
Lead (Pb)	$\leq 1.5$ mg/kg
Mercury (Hg)	$\leq 0.05$ mg/kg

### Polycyclic Aromatic Hydrocarbons (PAHs)

Analysis Item	Specification
Benzo(a)pyrene	$\leq 10$ ppb
Sum of PAHs: benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene and chrysene	$\leq 50$ ppb

### Packaging & Storage

Analysis Item	Specification
Outer packaging	PP bag with PE inner
Recommended storage conditions	To be kept sealed in a dry, clean, cold and dark place
Shelf life from manufacture	48 months

### GMO Statement

Analysis Item	Specification
GMO Statement	Does not contain or use genetically modified ingredients or derivatives

### Pesticide Residue Statement

Analysis Item	Specification
Pesticide Residue Statement	Complies with EU Regulation 396/2005

### Sterilization Agents

Analysis Item	Specification
Sterilization Agents	Not treated by ethylene oxide, methyl bromide or ionization. Steam sterilization only permitted.

### Allergen Information

Allergenic foods and derivatives	Used to produce materials	Potential contact with materials	Contact origin and amount:				Conclusion (Allergen risk under control or not)
			During transportation	From production line	From feed prod. facility	Max amount	
Peanuts and products	No	No					Yes
Crustaceans and products	No	No					Yes
Fish and products	No	No					Yes
Eggs and products	No	No					Yes
Nuts and products	No	No					Yes
Milk and products	No	No					Yes
Soybeans and products	No	No					Yes
Celery and products	No	No					Yes

Cereals containing gluten and products	No	No					Yes
Sulphur dioxide and sulphites	No	No					Yes
Sesame seeds and products	No	No					Yes
Mustard and products	No	No					Yes
Lupin and products	No	No					Yes
Molluscs and products	No	No					Yes

#### Nutritional Values (per 100 g)

Energetic value (kJ/kcal)	1481/354
Fat (g)	9.9
of which saturated fatty acids (g)	3.1
Carbohydrates (g)	64.9
of which sugars (g)	3.2
Fiber (g)	2.1
Protein (g)	7.8
Salt (calculated from Na) (mg)	38.0