

B-CAROTENE 10% CWS



Coversheet for Certificate of Analysis

Productcode : 0434825
Lot No. : UT25050028
Analysis No. : L122953

CfC Number : 06040482
Articlecode : 0434825304
Sales Name : 5 kg Bag/ALU B-Carotene 10% CWS
Manufacturing Date : 31-MAY-2025
Best Use Before Date : 30-MAY-2029
Delivery Note No. 3924014810
Destination : Argentina
Customer Ref. No : 4502357397
Customer Article No: 0434825304
Customer Name: NUTRALIA S.R.L.
Facundo Zuviria 6513
Santa Fé - Prov. de Santa Fé

Article desc. CoA
Comment

CERTIFICATE OF ANALYSIS



B-CAROTENE 10% CWS

Product Code:	0434825	Manufacturing Date:	31-May-2025
Analysis Number:	122953	Release Date:	08-Aug-2025
Lot Number:	UT25050028	Best Use Before:	30-May-2029

Test	Test Method	Result	Limits/Specification
Appearance:	Visual	free flowing particles	free flowing particles
Color:	Visual	red-brown	red-brown
Fineness (US Standard sieves):	Sieve analysis		
through sieve No. 20 / USP riddle screen sieving		100 %	Equal to 100 %
through sieve No. 40 / USP riddle screen sieving		89 %	≥ 85 %
through sieve No. 100 / USP riddle screen sieving		3 %	≤ 15 %
Loss on drying:	Halogen moisture analysis	4 %	≤ 8 %
Dispersibility in water at 20 °C:		dispersible	dispersible
Color intensity of aqueous dispersion / A(1%/1cm) at maximum absorbance:	UV/VIS spectroscopy	131	≥ 120
Beta-carotene content:	USP	12 %	≥ 10 %
Microbiological purity:	Ph.Eur.		
Total aerobic microbial count		<10 ³ CFU/g	max. 10 ³ CFU/g
Total combined yeast/moulds count		<10 ² CFU/g	max. 10 ² CFU/g
Enterobacteria		<10 CFU/g	< 10 CFU/g
Escherichia coli		negative in 10 g	negative in 10 g
Salmonella spp.		negative in 25 g	negative in 25 g
Staphylococcus aureus		negative in 10 g	negative in 10 g
Pseudomonas aeruginosa		negative in 10 g	negative in 10 g

CERTIFICATE OF ANALYSIS



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This lot has been analyzed against the substance specifications given above and released. The manufacturing and control records have been reviewed by our authorized Quality organization. The lot has been produced in conformity with applicable regulations and Good Manufacturing Practices for the uses stated in DSM Product Data sheet. A QA comment will be presented below if there is any deviation requiring restriction in the use of this lot.

Please consult your local representative or visit the DSM Customer Portal online for further compendial and compliance documentation.

Georg Meseck, Quality Assurance Manager

(This document has been generated and signed electronically)

DSM Nutritional Products Ltd
Quality Assurance

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