

Material Specification

Material - Information

Material No	USN00904105	Status	Approved
Material Desc.	NATRACOL BETA CAROTENE 1% WSP		
Issue No.	1	Issue Date	08/01/2013
Revision No.	N/A	Review Date	09/20/2018

Sr No.	Specification	Method	UOM	Requirements
1	Beta Carotene Content	7.14.28	%	(Min.) 1.00
2	Fineness 100% Thru Mesh No. 20	Internal Method	%	100-100
3	Fineness NTL 95% thru Mesh No. 60	Internal Method	%	95-100
4	Fineness NTL 85% thru Mesh No. 80	Internal Method	%	85-100
5	Color Intensity	Internal Method		25-100
6	Heavy Metals	Internal Method	ppm	0-10
7	Total Arsenic	Internal Method	ppm	(Max.) 3.00
8	Total Lead	Internal Method	ppm	(Max.) 2.00
9	Total Cadmium	Internal Method	ppm	(Max.) 1.00
10	Loss on Drying	Internal Method	%	(Max.) 5.00

Labelling :

Labelling displays product name, lot number, net weight, gross weight and other information and marks specified by the customer

Shelf Life :

730 Days from the date of manufacture for unopened packs under specified storage condition. Product should not be stored above 25°C.

Lot Coding Explanation

- For FDA approved dyes and lakes:

AN#### - 6 Digit alphanumeric lot numbers provided by Food Drug Administration (FDA)

- For all other products manufactured at our facility in St. Louis , MO:

USYYMMXXXX - US means the product is being manufactured and/or distributed by our plant in the United States. YY is the year of manufacturing. MM is the month, in which the batch was generated and XXXX is the 4-digit batch number.

- For all dyes, lakes, and blends manufactured at our facility in Roha,India:

RPYYMMXXXX - RP means the product was manufactured at our plant in India. YY is the year of manufacturing. MM is the month, in which the batch was generated and XXXX is the 4-digit batch number. This number is routinely found at the center of the FDA certificate listed as Batch Number.

Supplier Letter of Guarantee

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Roha USA, L.L.C. guarantees that goods (articles) comprising each shipment delivered our customers, as of the date of delivery and when solabeled, shall be;

- Guaranteed and conforming to the requirements of, and shall not be adulterated or misbranded within the meaning of, the Food, Drug, and Cosmetic (FD&C) Act as prescribed in the Code of Federal Regulations, as amended from time to time.
- All said articles shall be comprised of material certified by the Food and Drug Administration (FDA) as required, and shall not be an which may not, under Sections 404 or 505 of the Act, be introduced into interstate commerce.
- These articles do not contain any color additive not from a certified batch.
- All packaging containers are made from materials specified in parts 175 through 178 and part 181 of Title 21 of the U.S. Code of Federal Regulations (CFR).
- This Warranty includes, and is limited to, those products that fall within the definitions contained in the Act.

This is a continuing guarantee and will remain in force and in effect until termination in writing by an officer of Roha USA, L.L.C, given at least ten (10) days notice, or until expiration of this guarantee. This guarantee shall expire, without any action required by either party, on the last day of the fifteenth (15) month of any period in which the parties have not conducted business for a consecutive fifteen (15) months.

General Statement :

The compliance to the above mentioned specification can be verified using respective methods of analysis. The product being natural, seasonal variation and variety of raw material can cause slight in color from batch to batch, although this variation can normally be managed to not affect the final product quality.

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Disclaimer :

Above information is correct at the time of issue but may be subject to alteration. The information on the specification remains the property of ROHA Group (JJT Group companies). Information is to the best of our knowledge and it should not be construed as warranty. Users should conduct their own tests to determine the suitability of this product/data for this purpose. Users must satisfy themselves suitability of product, ingredients in accordance with regulations applicable and suitability of product in end application. Roha Group (JJT Group Companies) shall not be liable for any claims or losses of any nature arising directly or indirectly from use of the information, data or other material on this document.