

COLOR JAMAICA POLVO COLORING MATTER		
HIBISCUS SABDARIFFA COLORING MATTER HIGHLY		
NO E CODE SINCE IS AN INGREDIENT NOT ADDITIVE		
HB06112025		
NATURAL clean label COLORING MATER		
FOOD DRUGS AND COSMETICS GENERAL USE		
VERY SOLUBLE IN WATER 45g /Lt H2O		
Classified as NATURAL		
06-11-2025		
06-11-2027		

PARAMETERS	METHOD	SPECIFICATIONS	RESULTS
WATER SOLUBLE COLOR STRENGHT HIBISCUS DYE	SPECTRO	50 % - 52 %	52.00%
H2O MOISTURE	LABORATORY	5.00 % MAX	5.00 %
MALTODEXTRINE	LABORATORY	43.00 % MAX	43.00
PARTICLE SIZE MESH 300	TECHNICAL	100 %	100 %
MERCURY	LABORATORY	LESS THAN 1 ppm	NEGATIVE
LEAD	LABORATORY	LESS THAN 2 ppm	NEGATIVE
ARSENIC	LABORATORY	LESS THAN 0.1 ppm	NEGATIVE
TOTAL PLATE COUNT	CULTIVATION	LESS THAN 1000 UFC/g	NEGATIVE
MOULD COUNT	CULTIVATION	LESS THAN 100 UFC/g	NEGATIVE
YEAST COUNT	CULTIVATION	LESS THAN 100 UFC/g	NEGATIVE
TOTAL COLIFORMS	CULTIVATION	LESS THAN 3 UFC/g	NEGATIVE
AEROBIC BACTERIA	CULTIVATION	LESS THAN 3000 UFC/g	NEGATIVE
E.COLI	CULTIVATION	NEGATIVE	NEGATIVE
SALMONELLA	CULTIVATION	NEGATIVE	NEGATIVE

COMMENTS: Ph RESISTANT AND STABILIZED, INGREDIENTS CONFIRMING WITH THE FOOD REGULATIONS IN MEXICO OFFICIAL NORM NOM. HEALTH CERTIFICATE ISSUED BY MEXICAN HEALTH GOVERNMENT AUTHORITIES FOR HUMAN CONSUMPTION AND APOSTLE BY STATE SECRETARY NUMBER 223300107B1762 INCLUDING ISO 9000, AND 22000 HOMOLOGATE, OFFICIAL JOURNAL MEXICAN NORM *19-SSA-1994 - IN USA, CFR, USA FDA TITTLE 21 PART 73 USA, -IN ACCORDANCE WITH THE CODE OF PRACTICE AND CLASSIFICATION MANUFACTURING, USE AND LABELING OF COLORING FOODS FUROPEAN UNION SEPTEMBER 2021.

EUROPEAN OFFICIAL YOURNAL . This material conforms to the specific purity criteria concerning colors for use in foodstuffs Commission Directive 2008/128/EC see our, FLOW CHART,

APPEARANCE: THIS IS A COLORANT/DYE, FROM A NATURAL PRODUCT AND CAN CHANGE THE PHYSICAL ASPECT OF THE POWDER LOT TO LOT DEPENDING ON CROP AND HARVEST TO HARVEST.

APPROVED
HAMIT KRIEGER
Ph D, ANALYST
2025 NOVEMBER 6th







dyes

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Stability and high resistance, for natural coloring matter



TECHNICAL DATA SHEET

NOVEMBER 6th .. 2025

GENERIC NAME:	CARMINIC ACID COLORING MATTER		
SINONIM	CARMINE RESISTANT WATER SOLUBLE 52%		
CODE:	CLEAN LABEL HIGH STABILITY, AND RESISTANCE		
DESCRIPTION	DARK RED POWDER HOMOGENEOUS		
DOSAGE	0.01-0.05 G/Kg,(100 TO 500 MG PER LITER)		
USE	FOOD, DRUGS, COSMETICS, HUMAN CONSUMTION		
SOLUBILITY	VERY SOLUBLE IN WATER 45g PER LITER H2O		
STABLE AND RESISTANT	AGAINST CHANGES OF pH, TEMPERATURE, SUN LIGHT		
MANUFACTURE DATE/EXPIRATION DATE	06-11-2025/06-11-2027		
STABILITY	Against microorganisms, weather,pH and time of		

BATCH CA06112025

PARAMETERS	METHOD	SPECIFICATIONS	RESULTS
. WATER SOLUBLE CARMINE STRENGHT	SPECTRO	52-55 %	52.00%
			The second second
H2O MOISTURE	LABORATORY	5.00 % MAX	5.00 %
MALTODEXTRINE	LABORATORY	5000 % MAX	43.00%
PARTICLE SIZE MESH 300	TECHNICAL	100 %	100 %
MERCURY	LABORATORY	LESS THAN 1 ppm	NEGATIVE
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COMMENTS: Ph RESISTENT AND STABILIZED, INGREDIENTS CONFIRMING WITH THE FOOD REGULATIONS IN MEXICO
OFITIAL JOURNAL MEXICAN NORM *19-SSA-1994 AND USA, CFR, FDA TITTLE 21 PART 73 USA, AND THE EUROPEAN
OFFITIAL JOURNAL E120. This material conforms to the specific purity criteria concerning colors for use in foodstuffs
Commission Directive 2008/128/EC HEALTH CERTIFICATE ISSUED BY HEALTH MEXICAN AUTHORITIES AND APOSTILLED BY THE
STATE MEXICAN SECRETARY NUMBER 223300107B1762 FOR HUMAN CONSUMPTION

. APPEARANCE; THIS IS A NATURAL PRODUCT AND CAN CHANGE ITS POWDER PHISICAL ASPECT FROM LOT TO LOT DEPENDING ON CROP AND HARVEST TO HARVEST OF COCHINEAL COCCUS CACTI FEMALE.





Dr, HAMIT KRIEGER

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Stability and high resistance, for natural coloring matter