



NEELIKON FOOD DYES AND CHEMICALS LTD

An ISO 9001, FSSC 22000 & GMP Certified Company

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Dept. : Quality Control		Title : Finished Product Specification		Doc. No.: NFDCL/F/QC/10

PRODUCT SPECIFICATION

PRODUCT NO: 542PB0402

PRODUCT: NEELICOL DARK RED 11137

C.I. NO : 19140 + 14720
SYNONYMS : Tartrazine + Carmoisine

DESCRIPTION:

PHYSICAL APPEARANCE : ORANGE YELLOW
HUE IN WATER : EGG YELLOW

SPECIFICATION

SR.NO.	TEST	UNIT	LIMIT	SPECIFICATION
1.	PURE DYE CONTENT	% W/W	MINIMUM	30 - 32
1(A)	Tartrazine, E-102	% W/W	--	29 – 31
1(B)	Carmoisine, E-122	% W/W	--	0.50 – 1.50
2.	SUM OF VOLATILE MATTER AT 135° C AND CHLORIDES & SULPHATES (AS SODIUM SALT)	% W/W	MAXIMUM	70.00
3.	WATER INSOLUBLE MATTER	% W/W	MAXIMUM	00.20
4.	ARSENIC	MG/KG	MAXIMUM	03.00
5.	LEAD	MG/KG	MAXIMUM	02.00
6.	MERCURY	MG/KG	MAXIMUM	01.00
7.	CADMIUM	MG/KG	MAXIMUM	01.00

This Material is a Blend of E-102 + E-122 & Complies as per Neelicol-Specification.

SHELF LIFE : 8 YEARS

STORAGE CONDITION : THOUGH WE HAVE MENTIONED ON LABEL "STORE IN A COOL & DRY PLACE" OUR MATERIAL CAN BE STORED AT 0°C TO 40°C TEMPERATURE AND HUMIDITY 25 – 80 % RH.

Disclaimer:-

The tone of solution of color is the predetermining factor of ensuring consistent supply, the physical appearance of the color may vary from batch to batch.

Prepared By	Approved By	Issued By	Status
Q.C. Head	QA & QC Head	Management Representative	