



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 : 313LB0400

PRODUCT : NEELILAKE APPLE GREEN LAKE 20-28%

EMPIRICAL FORMULA	: C ₁₆ H ₉ N ₄ O ₉ S ₂ Al ₃ + C ₃₇ H ₃₄ N ₂ O ₉ S ₃ Al ₂	CAS NO	: N/A
C.I. NAME	: Food Yellow 4 :1 + Food Blue 2:2	C.I. NO	: Blend of 19140 :1 + 42090:2
EC STATUS	: E-102 + E-133	EINECS NO	: N/A
FDA STATUS	: FD & C Yellow 5 Lake + FD & C Blue 1 Lake	INCI NO	: N/A
SYNONYMS	: Tartrazine Lake + Brilliant Blue Lake	BIS NO	: N/A

DESCRIPTION :

PHYSICAL APPEARANCE	: APPLE GREEN
SOLUBILITY	: INSOLUBLE IN WATER & MOST ORGANIC SOLVENTS
WAVELENGTH OF MAX ABSORBANCE	: N/A
ABSORPTIVITY g.cm /100 ml	: N/A

SPECIFICATION

SR. NO	TEST	UNIT	LIMIT	SPECIFICATION
1.	PURE DYE CONTENT	% W/W	--	20 -28
2.	LOSS ON DRYING (AT 110 ° C FOR 2 HRS)	%W/W	MAXIMUM	17.00
3.	HCL INSOLUBLE MATTER	% W/W	MAXIMUM	00.50
4.	ARSENIC	MG/KG	MAXIMUM	01.00
5.	LEAD	MG/KG	MAXIMUM	02.00
6.	MERCURY	MG/KG	MAXIMUM	01.00
7.	CADMIUM	MG/KG	MAXIMUM	01.00
8.	BULK DENSITY	GM/C	MAXIMUM	0.20 - 0.5
9.	BLEEDING(2 % SLURRY IN DISTILLED WATER)	MG/KG	MAXIMUM	00.10
10.	PARTICLE SIZE PASSED THROUGH 325 MESH [A.S.T.M.]	%W/W	MINIMUM	98.00

THIS MATERIAL CONFORMS TO THE NEELILAKE SPECIFICATION

SHELF LIFE : 8 YEARS

STORAGE CONDITION: "STORE IN AN AMBIENT TEMPERATURE & DRY PLACE"

Disclaimer:-

As the physical characteristics of a lake are the predetermining factors of ensuring continuity of supply, the dye content indicated in a Certificate of Analysis will vary from batch to batch and specifications refer to typical, rather than actual values.

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