

CERTIFICATE OF ANALYSIS
OF
FOOD BLACK PN

PRODUCT NAME : FOOD
 BLACK PN
 (FOOD
 BLACK 1)
 C. I. No : 28440

| <u>TEST</u> | <u>ANALYTICAL RESULT</u> |
|--|---------------------------------|
| A) TOTAL DYE CONTENT , PERCENT BY MASS , MIN (AS BASIS) | : 85.00 |
| B) SUM OF VOLATILE MATTER AT 15 DEG C AND CHLORIDE AND SULPHATE (CALCULATED AS SODIUM SALTS), PERCENT BY MASS MAX | : 10.50 |
| C) WATER-INSOLUBLE MATTER PERCENT BY MASS MAX | : 0.050 |
| D) COMBINED ETHER EXTRACTS PERCENT BY MASS MAX | : 0.040 |
| E) SUBSIDIARY DYES, PERCENT BY MAX | .: 2.100 |
| F) ORGANIC COMPOUNDS OTHER THAN COLORING MATTER % BY MASS, MAX | : 0.039 |
| (a)4-ACETAMIDO-4 HYDRXYNAPHTHALENE-2, 7-DISULPHONIC ACID | |
| (b)4-AMINO-4 HYDRXYNAPHTHALENE-2, 7-DISULPHONIC ACID | |
| (c)8-AMINONAPHTHALENE-2-SULFONIC ACID | |
| (d)4,4"-DIAZOAMINODI(BENZENESULFONIC ACID) | |
| G) UNSULPHONATED AROMATICS AMINES PERCENT BY MASS MAX : | <0.010 |
| H) ARSENIC (as As) , MG/KG. MAX | : <02.00 |
| I) LEAD (as Pb),MG/KG. MAX | : <06.00 |
| J) MERCURY (as Hg),MG/KG., MAX | : <01.00 |
| K) CHROMIUM (as Cr), MG / KG., MAX | : ----- |
| L) CADMIUM., MG/KG., MAX | : <01.00 |
| M) COPPER, MG/KG, MAX | : ----- |
| N) HEAVY METALS, MG/KG., MAX | : <20.00 |