

## CERTIFICATE OF ANALYSIS

### OF AMARANTH

NAME OF THE PRODUCT	:	AMARANTH
C.I. NO	:	16185 (FOOD RED 9)
EEC NO.	:	E-123
CLASS	:	MONOAZO
TOTAL DYE CONTENT, CORRECTED FOR SAMPLE DRIED AT 105 ± 1°C FOR 2HRS, PERCENT BY MASS	:	88.40%
VOLATILE MATTER AT 135°C, PERCENT BY MASS &	:	11.60%
CHLORIDE & SULPHATE EXPRESSED AS SODIUM SALT, PERCENT BY MASS		
WATER INSOLUBLE MATTER, PERCENT BY MASS	:	LESS THAN 0.4 %
ETHER EXTRACTABLE	:	LESS THAN 0.2 %
SUBSIDIARY DYES, PERCENT BY MASS	:	LESS THAN 3.0 %
UNSULPHONATED PRIMARY AROMATIC AMINES	:	LESS THAN 0.01 % (CALCULATED AS ANILINE)
TOTAL UNCHANGED INTERMEDIATES	:	LESS THAN 0.5 %
CHROMIUM	:	0.24 MG/KG (MAX=20)
ARSENIC	:	0.13 MG/KG (MAX=3)
LEAD	:	0.16 MG/KG (MAX=1)
COPPER	:	0.79 MG/KG (MAX=5)
MERCURY	:	0.21 MG/KG (MAX=1)
HEAVY METALS * ANTIMONY]	:	4.64 MG/KG.(MAX=40)
* CADMIUM]		
* ZINC]		
* BARIUM]		