

 Manufacturers & Exporters of: Food Colours, Pigment Powders, Dyes & Dye Intermediates

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 Methods



## CERTIFICATE OF ANALYSIS OF TARTRAZINE

NAME OF THE PRODUCT SYNONYMS

: TARTRAZINE

: CI FOOD YELLOW 4, FD & C YELLOW NO. 5, C.I NO 19140, INS NO. 102

: TRISODIUM 5-HYDROXY-1-(4-

(4-SULFONATO-PHENYLAZO)-H-

SULFONATOPHENYL)-4-

CHEMICAL NAME

	PYRAZOLE-3- CARBOXYLATE
C.A.S NUMBER	: 1934-21-0
	: C16H9N4NA3O9S2
	: 534.37
C.I. NO.	: 19140
EEC NO.	: E-102
CLASS	: MONOAZO
TOTAL DYE CONTENT, CORRECTED	
FOR SAMPLE DRIED AT $105 + 1^{\circ}C$	
FOR 2 HRS, PERCENT BY MASS	: 90.00%
VOLATILE MATTER AT 135°C,	
PERCENT BY MASS	
&	: 10.00%
CHLORIDE & SULPHATE EXPRESSED	
AS SODIUM SALT, PERCENT BY MASS	
WATER INSOLUBLE MATTER,	
PERCENT BY MASS	: LESS THAN 0.2%
ETHER EXTRACTABLE	: LESS THAN 0.2 %
SUBSIDIARY DYES, PERCENT BY MASS	: LESS THAN 1.0 %
UNSULPHONATED PRIMARY AROMATIC	: LESS THAN 0.01 %
AMINES (CALCULATED AS ANILINE)	
TOTAL UNCHANGED INTERMEDIATES	: LESS THAN 0.5 %
CHROMIUM	: LESS THAN 20 MG/KG
ARSENIC	: LESS THAN 3 MG/KG
LEAD	: LESS THAN 1 MG/KG
COPPER	: LESS THAN 5 MG/KG
MERCURY	: LESS THAN 1 MG/KG
HEAVY METALS * ANTIMONY]	: LESS THAN 40 MG/KG.
* CADMIUM]	
* ZINC]	
* BARIUM]	