

TARTRAZINE – PRODUCT DATASHEET

Product Name	TARTRAZINE
Colour Shade	Yellow
Synonyms	Food Yellow - 4
Chemical Name	Tri-sodium 5-hydroxy-1-(4-sulfonato phenyl)-4-(4-sulfonato phenylazo) pyrazole-3-carboxylate
C.I. No	19140
C.I. Name	Acid Yellow - 23
FDA Status	FD&C; Yellow - 5
CAS No.	1934-21-0
EINECS No.	217-699-5
E. Number	E-102

Sr. No.	Test	Limit
1	Total colouring matters calculated as the sodium salt, percent by mass	Min. 85.00
2	Water insoluble matter, percent by mass	Max 0.20
3	Combined ether extract, percent by mass	Max 0.20
4	Un sulfonated primary aromatic amines (calculated as aniline), percent by mass	Max 0.01
5	Subsidiary dyes, percent by mass	Max 1.00
6	Total organic compound other than colouring matter, percent by mass	Max 0.50
7	Heavy metals (as Pb), mg/kg	Max 40
8	Arsenic, mg/kg	Max 3
9	Lead, mg/kg	Max 2
10	Mercury, mg/kg	Max 1
11	Cadmium, mg/kg	Max 1