



Shree Arihant  
Dye Chem

# TARTRAZINE

Synonyms:

Food Yellow - 4

Chemical Name:

Tri-sodium 5-hydroxy-1-(4-Sulfonato phenyl-4-(4-Sulfonato phenylazo) pyrazole-3-carboxylate

C.I. No.:

19410

C.I. Name:

Acid Yellow- 23

FDA Status:

FD&C Yellow - 5

CAS No.:

1934-21-0

EINECS No.:

217-699-5

E No.:

E-102



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# TEST

Total colouring matters calculated as the sodium salt, percent by mass.	<b>Min.</b>	<b>87</b>
Water insoluble matter, percent by mass.	<b>Max.</b>	<b>0.20</b>
Combined ether extract, percent by mass.	<b>Max.</b>	<b>0.20</b>
Unulfonated Primary aromatic amines, percent by mass (calculated as aniline).	<b>Min.</b>	<b>0.01</b>
Subsidiary dyes, percent by mass.	<b>Max.</b>	<b>1</b>
Total organic compound other than colouring matter, percent by mass. 4-hydrazinobenzene sulfonic acid 4-aminobenzene-1-sulfonic acid 5-oxo-1-(4-sulfophenyl)- 2-pyrazoline-3-carboxylic acid 4 4_-diazoaminodi(benzene sulfonic acid) Tetrahydroxysuccinic Acid	<b>Max.</b>	<b>0.50</b>
Heavy metals (as Pb), (mg/kg.)	<b>Max.</b>	<b>40</b>
Arsenic (mg/kg.)	<b>Max.</b>	<b>3</b>
Lead (mg/kg.)	<b>Max.</b>	<b>2</b>
Mercury (mg/kg.)	<b>Max.</b>	<b>1</b>
Cadmium (mg/kg.)	<b>Max.</b>	<b>1</b>