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Dyes & Chemicals Pvt. Ltd.

KEVIN [INDIA] CO.

Govt. of India Recognised Export House

TECHNICAL DATA SHEET

Product Name : FD&C Yellow # 5		C.I. No.: 19140
Synonyms : Acid Yellow # 23		C.I. Name: Food Yellow # 4
Chemical Name : Tri-sodium 5-hydroxy-1-(4- Sulfonato phenyl 4-(4-Sulfonato phenylazo)pyrazole-3-carboxylate		CAS NO.: 1934-21-0
Test		Limit
		CFR
1.	Total coloring matters calculated as the sodium salt, percent by mass. Min	87
2.	Sum of volatile matter (at 135 deg. C) and Chlorides and Sulfates (Calculate as sodium salts), percent by mass. MAX.	13
3.	Water insoluble matter, percent by mass MAX	0.2
4.	Sulphanilic Acid, percent by mass. Max.	0.2
5.	Ethyl Ester of Pyrazolone T, percent by mass. Max.	0.1
6.	Pyrazolone T, percent by mass. Max.	0.1
7.	DAADBSA, percent by mass. Max.	0.2
8.	Lower Sulfonated Subsidiary colors, percent by mass. Max.	0.05
9.	Ester of color percent by mass MAX.	0.5
10.	4-[(4',5-disulfo[1,1'-biphenyl]-2-yl)hydrazono]-4,5-dihydro-5-oxo-1-(4-sulfophenyl)-1H-pyrazole-3-carboxylic acid, tetrasodium salt, percent by mass. Max.	01
11.	4, 4'-[4, 5-dihydro-5-oxo-4-[(4-sulfophenyl) hydrazono]-1H-pyrazol-1, 3-diyl] bis [benzenesulfonic acid], Trisodium salt, percent by mass. Max.	01
12.	Aniline (ppb) Max.	100
13.	Benzidine (ppb) Max.	01
14.	4- Aminobiphenyl (ppb) Max.	05
15.	4-Aminoazobenzene (ppb) Max.	75
16.	Azobenzene (ppb) Max.	40
17.	1, 3-Diphenyltriazen (ppb) Max.	40
18.	Mercury, (mg/kg) Max.	01
19.	Lead, (mg/kg) MAX.	10
20.	Arsenic, (mg/kg) MAX.	03

An ISO 9001 : 2015 Certified Organisation

D-U-N-S® Number 91-726-2701

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