

SPECIFICATION FD&C YELLOW 5

Description : U.S. FDA permitted synthetic food colour. Product is a free -flowing blendable powder, free from lumps or visible impurities. The product is Kosher & Halal certified.

Classification : **Name :** Tartrazine **C.I. No. :** 19140
 C.I. Name : Food Yellow 4 **CAS No. :** 1934-21-0

Conforms to CFR Chapter No. 21 of the U.S. FDA.

Analytical Specifications :

Pure Dye Content	:	87.00 % Min
Volatile Matter & Salt	:	13.00 % Max
Water Insoluble Matter	:	0.20 % Max
Dyes Intermediates		
a) Sulphanilic Acid	:	0.20 % Max
b) Ethyl ester pyrazolone	:	0.10 % Max
c) Pyrazolone T	:	0.20 % Max
d) Triazene	:	0.05 % Max

Subsidiary Dyes

a) Lower Sulphonated	:	0.50 % Max
b) Ester of Colour	:	1.00 % Max
c) Peak 5	:	1.00 % Max
d) Peak 7	:	1.00 % Max

Total Primary Amines

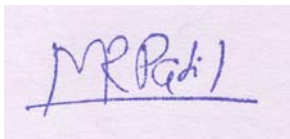
a) Aniline	:	100 PPB Max
b) Benzidine	:	1 PPB Max
c) 4-Aminobiphenyl	:	5 PPB Max
d) 4-Aminoazobenzene	:	75 PPB Max

Metals :

Lead	:	10.00 PPM Max
Arsenic	:	3.00 PPM Max
Mercury	:	1.00 PPM Max
Heavy Metals	:	< 40 PPM Max

Storage : Store in original container at ambient temperatures.

Shelf Life : 6 years from the date of manufacturing of the color.



Mr. M.R. Patil
Q.C. Manager

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