VIDHI™
Manufacturers Of Food Colours

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.