

SPECIFICATION FD&C RED 3

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 :** Erythrosine **C.I. No. :** 45430
 C.I. Name : Food Red 14 **CAS No. :** 16423-68-0

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) Sodium Iodide	:	0.40 % Max
b) Unhalogenated	:	0.10 % Max
c) Triiodoresorcinol	:	0.20 % Max
d) DHDIBBA	:	0.20 % Max
Subsidiary Dyes		
a) Mono Iodo	:	1.00 % Max
b) Other Lower Iodo	:	9.00 % Max
Total Primary Amines		
a) Aniline	:	250 PPB Max
b) Benzidine	:	1 PPB Max
c) 4-Aminobiphenyl	:	15 PPB Max
d) 4-Aminoazobenzene	:	50 PPB Max
X Band	:	1.00 % Max
Group	:	7.00 % 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.