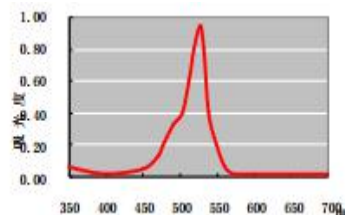
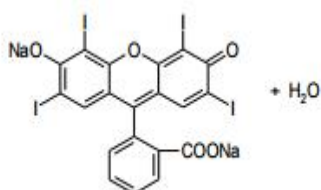


Tianjin Duofuyuan Industrial Co.,Ltd

FOOD ADDITIVE ERYTHROSINE

Product Presentation

Product No.	08.003
China standard	GB 17512.1
C.I.Food	C.I.Food red 14
C.I. No.	C.I. 45430 C.I. Acid Red 51
FD&C No.	FD&C Red No.3
CAS No.	CAS 16423-68-0
EEC	E127
Japan	Food color red 3
EINECS No.	EC240-474-8
Chemical-name	themono hydrate of 9 (o-carboxyphenyl)-6-hydroxy-2,4,5,7-tetraiodo-3H-xanthen-3-one,disodiumsalt
Formula	$C_{20}H_6I_4Na_2O_5 \cdot H_2O$
Formula weight	897.87



Physicochemical Property

Smell	tasteless
Light stability	poor
Oxidation resistance	commonly
PH	8.0-10.0
Density	0.8
Solubility (g/l)	water glycerol ethyl alcohol Propylene glycol
	90 20 slight soluble 200

Sensory Requirement (GB17512.1)

Appearance	red ~dark red brown powder
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Items of Test (GB17512.1)

Erythrosine content,w/%	≥ 85.0
Loss on Drying at 135°C,Sodium Chlorides & Sulphates (As Na_2SO_4) w/%	≤ 14.0
Water insoluble matter w/%	≤ 0.20
Subsidiary colouring matters w/%	≤ 3.0
Sodium iodide w/%	≤ 0.40
Arsenic (As) / (mg/kg)	≤ 1.0
Lead (Pb) / (mg/kg)	≤ 10.0
Zinc (Zn) / (mg/kg)	≤ 20.0