

Tianjin Duofuyuan Industrial Co.,Ltd

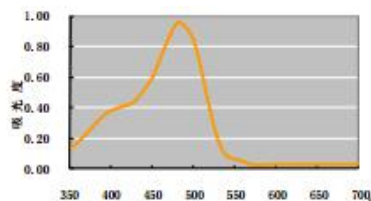
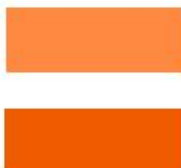
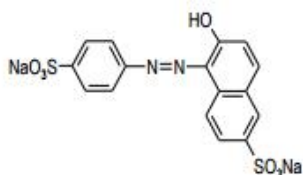
FOOD ADDITIVE SUNSET YELLOW

Product Presentation

Product No.	08.006
China standard	GB 6227.1
C. I. Food	C. I. Food Yellow 3
C.I. No.	C. I. 15985
FD&C No.	FD&C Yellow No.6
CAS No.	CAS 2783-94-0
EEC	E110
Japan	Food color yellow 5
EINECS No.	EC220-491-7
Chemical-name	the disodium salt of 6-hydroxy-5-[(4-sulphophenyl)azo]-2-naphtalenesulfonic acid

Formula $C_{16}H_{10}N_2Na_2O_7S_2$

Formula weight 452.37



Physicochemical Property

Smell	tasteless
Light stability	secondary
Oxidation resistance	commonly
PH	6.0-8.0
Density	0.8
Solubility (g/l)	water 150 glycerol 160 ethyl alcohol slight soluble Propylene glyco 15

Sensory Requirement (GB6227.1)

Appearance	Orange red powder
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Items of Test (GB6227.1)

Sunset yellow content, w/%	≥ 87.0
Loss on Drying at 135°C, Sodium Chlorides&Sulphates(As Na_2SO_4) w/%	≤ 13.0
water insoluble matter w/%	≤ 0.20
4-Aminobenzenesulfonic acid, Sodium Salt w/%	≤ 0.20
6-Hydroxy-2-naphthalenesulfonic acid, Sodium salt w/%	≤ 0.30
6,6'-Oxybis[2-naphthalenesulfonic acid], Disodium salt w/%	≤ 1.0
4,4'-(1-Triazene-1,3-diyl)bis[benzenesulfonic acid],Disodium Salt w/%	≤ 0.10
1- phenylazo-2- naphthalenol/ (mg/kg)	≤ 10.0
unsulfonated primary Aromatic Amines (As Aniline) w/%	≤ 0.01

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Subsidiary colouring matters w/%	≤4.0
Arsenic (As) mg/kg	≤1.0
Lead (Pb) mg/kg	≤10.0
Mercury (Hg) mg/kg	≤1.0