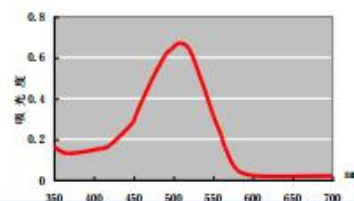
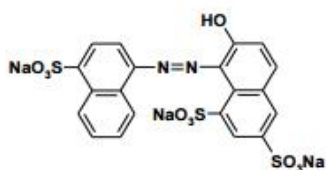


Tianjin Duofuyuan Industrial Co.,Ltd

FOOD ADDITIVE PONCEAU 4R

Product Presentation

Product No.	08.002
China standard	GB 1886.220
C.I.Food	C.I. Food red 7
C.I. No.	C.I. 16255 C.I. Acid Red 18
FD&C No.	- - -
CAS No.	CAS 2611-82-7
EEC	E124
Japan	Food color red 102
EINECS No.	EC220-036-2
Chemical-name	the trisodiumsalt of (4-sulfo-1-naphthylazo)-2-hydroxyl-6,8-naphthalene disulfonic acid
Formula	$C_{20}H_{11}N_2Na_3O_{10}S_3 \cdot 1.5H_2O$
Formula weight	631.51



Physicochemical Property

Smell	tasteless
Light stability	good
Oxidation resistance	commonly
PH	6.0-8.0
Density	0.80
Solubility (g/l)	water glycerol ethyl alcohol Propylene glycol
	200 16 slight soluble 50

Sensory Requirement (GB1886.220)

Appearance	red ~dark red powder
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Items of Test (GB1886.220)

Ponceau 4r Content w/%	≥ 85.0
Loss on Drying at 135°C, Sodium Chlorides & Sulphates (As Na_2SO_4) w/%	≤ 18.0
water insoluble matter w/%	≤ 0.20
Subsidiary colouring matters w/%	≤ 3.0
Unchanged intermediates w/%	≤ 0.5
Unsulphonated primary Aromatic Amines (As Aniline) w/%	≤ 0.01
Arsenic (As) (mg/kg)	≤ 1.0
Lead (Pb) (mg/kg)	≤ 10.0