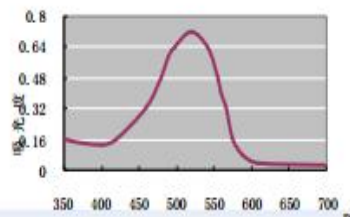
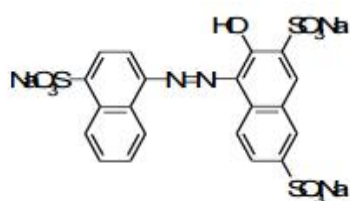


# Tianjin Duofuyuan Industrial Co.,Ltd

## FOOD ADDITIVE AMARANTH

### Product Presentation

Product No.	08.001
China standard	GB 4479.1
C.I.Food	C.I. Food Red 9
C.I. No.	C.I. 16185 C.I. Acid Red 27
FD&C No.	- - -
CAS No.	CAS 915-67-3
EEC	E123
Japan	Food color red 2
EINECS No.	EC213-022-2
Chemical-name	the trisodium salt of 3-hydroxy-4-(4-sulfo-1-naphthylazo)-2,7-naphthalenedisulfonic acid
Formula	$C_{20}H_{11}N_2Na_3O_{10}S_3$
Formula weight	604.48



### Physicochemical Property

Smell	tasteless			
Light stability	good			
Oxidation resistance	poor			
PH	6.0-8.0			
Density	0.80			
Solubility (g/l)	water	glycerol	ethyl alcohol	Propylene glycol
	100	100	slight soluble	5

### Sensory Requirement (GB4479.1)

Appearance	red brown ~dark red brown powder
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### Items of Test (GB4479.1)

Amaranth Content w/%	≥85.0
Loss on Drying at 135°C, Sodium Chlorides&Sulphates(As Na <sub>2</sub> SO <sub>4</sub> ) w/%	≤15.0
water insoluble matter w/%	≤0.20
Subsidiary colouring matters w/%	≤3.0
Unchanged intermediates w/%	≤0.50
unsulfonated primary Aromatic Amines (As Aniline) w/%	≤0.01
Arsenic (As) mg/kg	≤1.0
Lead (Pb) mg/kg	≤10.0