

Tianjin Duofuyuan Industrial Co.,Ltd

FOOD ADDITIVE

ERYTHROSINE ALUMINUM LAKE

Product Presentation

Product No.	08.003
China standard	GB 17512.2
C.I.Food	C.I.Food red 14:1
C.I. No.	C.I.45430:1
FD&C No.	FD&C Red No.3 Lake
CAS No.	CAS 12227-78-0
EEC	E127
Japan	Food color red 3 Lake
EINECS No.	EC235-440-4
Chemical-name	themono hydrate of 9 (o-carboxyphenyl)-6-hydroxy-2,4,5,7-tetraiodo-3H-xanthen-3-one,disodiumsalt aluminum lake
Formula	$C_{20}H_{64}Na_2O_5 \cdot H_2O$
Formula weight	897.87

Sensory Requirement (GB17512.2)

Color	Red
Character	Powder

Items of Test (GB17512.2)

Erythrosine content, w/%	≥ 10.0
Loss on Drying at 135°C, w/%	≤ 30.0
Insoluble compounds of hydrochloric acid and ammonia, w/%	≤ 0.50
Subsidiary colouring matters w/%	≤ 1.5
Sodium iodide w/%	≤ 0.2
Arsenic (As) / (mg/kg)	≤ 3.0
Lead (Pb) / (mg/kg)	≤ 10.0
Zinc (Zn) / (mg/kg)	≤ 20.0
Barium (Ba) / w/%	≤ 0.05