

Tianjin Duofuyuan Industrial Co.,Ltd

FOOD ADDITIVE CARMOISINE(AZORUBINE)

Product Presentation

CAS No.	3567-69-6
China standard	GB 28309-2012
C.I.	C.I. Food red 3 C.I. Acid Red 14
C.I. No.	C.I.14720
FD & C No.	—
CAS No.	—
EEC	E122
Japan	—
EINECS No.	—
Formula	$C_{20}H_{12}N_2Na_2O_7S_2$
Formula weight	502.43

Physicochemical Property

Smell	tasteless
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Sensory Requirement

Appearance	Reddish brown ~ dark reddish brown Powder or particle
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Items of Test

Carmoisine content, w/%	≥ 85.0
Loss on Drying at 135°C, Sodium Chlorides & Sulphates (As Na_2SO_4) w/%	≤ 15.0
Water insoluble matter w/%	≤ 0.20
Subsidiary colouring matters w/%	≤ 1.0
Unchanged intermediates w/%	≤ 0.50
unsulfonated primary Aromatic Amines (As Aniline) w/%	≤ 0.01
Arsenic (As As) / (mg/kg)	≤ 1.0
Lead (Pb) mg/kg	≤ 2.0