

# Tianjin Duofuyuan Industrial Co.,Ltd

## FOOD ADDITIVE

### BRILLIANT BLUE ALUMINUM LAKE

#### Product Presentation

Product No.	08.007
China standard	GB 1886.218
C.I.Food	C.I. Food blue 2:1
C.I. No.	C.I. 42090:1
FD&C No.	FD&C Blue No.1 Lake
CAS No.	CAS 68921-42-6
EEC	E133
Japan	Food color blue 1 Lake
EINECS No.	EC 272-939-6
Chemical-name	the disodium salt of ethyl[4-[p-[ethyl(m-sulfobenzyl)amino]- $\alpha$ -(o-sulfophenyl)benzylidene]-2,5-cyclohexadien-1-ylidene]( m-sulfobenzyl)ammonium hydroxide inner salt aluminum lake
Formula	$C_{37}H_{34}N_2Na_2O_9S_3$
Formula weight	792.85

#### Sensory Requirement (GB1886.218)

Appearance	blue
Character	Powder

#### Items of Test (GB1886.218)

Brilliant blue content,w/%	appointed
Insoluble substance of hydrochloric acid,w/%	$\leq 0.5$
Arsenic (As) (mg/kg)	$\leq 3.0$
Lead (Pb) (mg/kg)	$\leq 5.0$