



**QINGDAO SANHUAN COLORCHEM CO., LTD.**

RM2301, BUILDING 4, PENGLINANHUA Plaza,  
12 LIAOYANG EAST ROAD, QINGDAO, CHINA  
EMAIL: michael@cncolorchem.com

TEL: 0086 532 88978177/88978188  
FAX: 0086 532 88962988/88967877  
WEBSITE: www.cncolorchem.com

---

## **TECHNICAL DATA SHEET**

### **Acid Blue 168**

#### **1. Product Name**

C.I. No.: ACID BLUE 168  
CAS Number: 12219-24-8  
Chemical Formula: C<sub>20</sub>H<sub>15</sub>CuN<sub>5</sub>O<sub>5</sub>S  
Molecular Weight: 500.98

#### **2. Physical, Chemical and Resistance Properties**

Appearance: Blue Powder  
Shade: Similar to Standard  
Tinting strength(%): 150±3  
insolubility in water (%): ≤1  
Moisture(%): ≤5  
Residues on sieve(100 mesh) %: ≤2

The dyeing fastness in wool fabric (Grade) :

Light Fastness : 5~6  
Soaping Fastness Fading: 4~5  
Soaping Fastness Staining: 4~5  
Water Logging Fastness Fading: 3  
Water Logging Fastness Staining: 4~5  
Perspiration Fastness Fading: 3  
Perspiration Fastness Staining: 4~5  
Crabbing Fading: 1~2  
Crabbing Staining: -  
Dry Rubbing Fastness: 3  
Wet Rubbing Fastness: 4~5  
Ironing Fastness Fading: 4  
Acetic acid Fastness: 2  
Sulfuric acid Fastness: 4  
Sodium carbonate Fastness: 2

#### **3. Application**

Coloring for Wool, Silk, PVA, Blends and Polyamide  
Dyeing for Leather



**QINGDAO SANHUAN COLORCHEM CO., LTD.**

RM2301,BUILDING 4,PENGLINANHUA Plaza,  
12 LIAOYANG EAST ROAD, QINGDAO,CHINA  
EMAIL: michael@cncolorchem.com

TEL:0086 532 88978177/88978188  
FAX:0086 532 88962988/88967877  
WEBSITE: www.cncolorchem.com

---

#### **4. Package**

Packed in 25kgs Carton