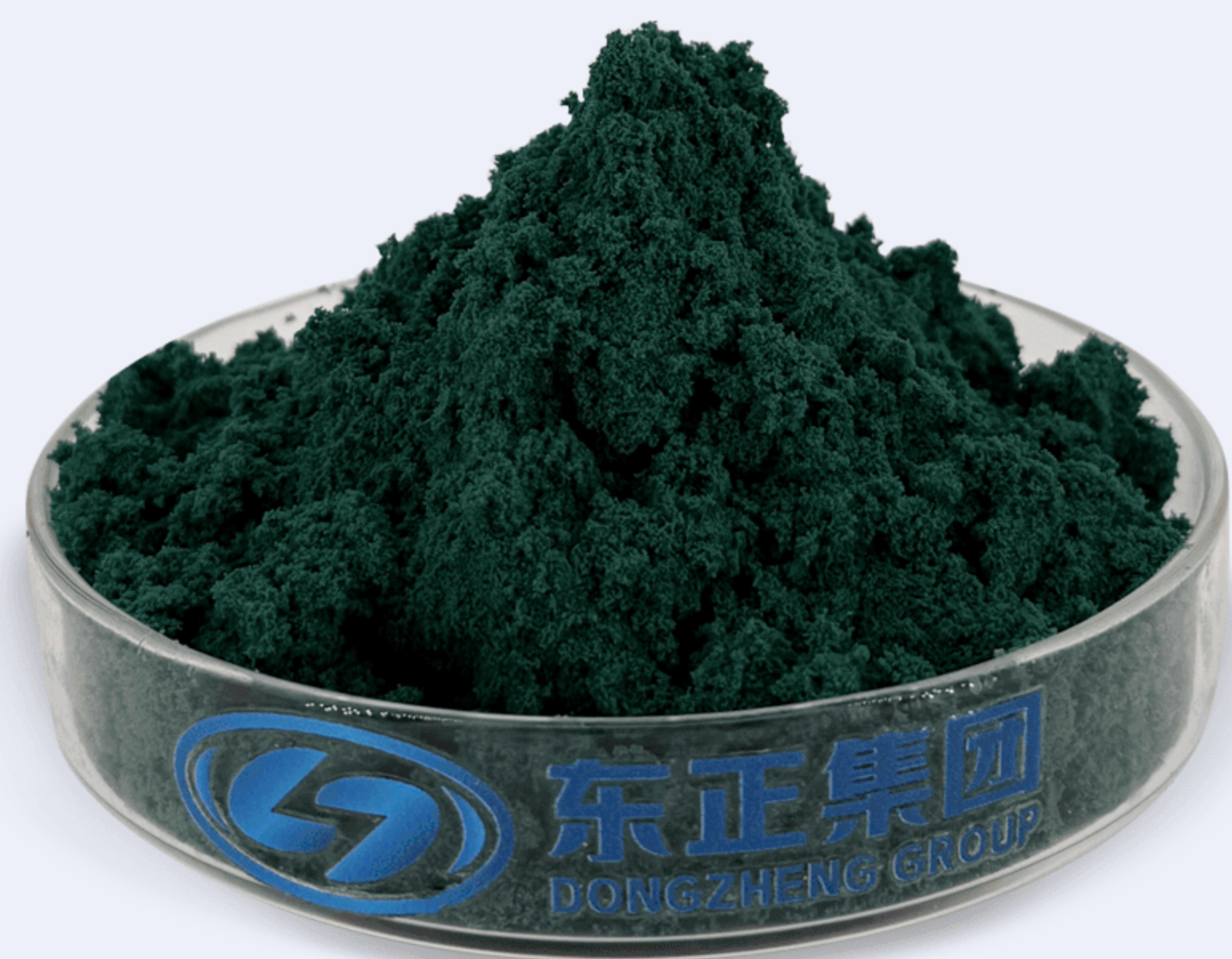
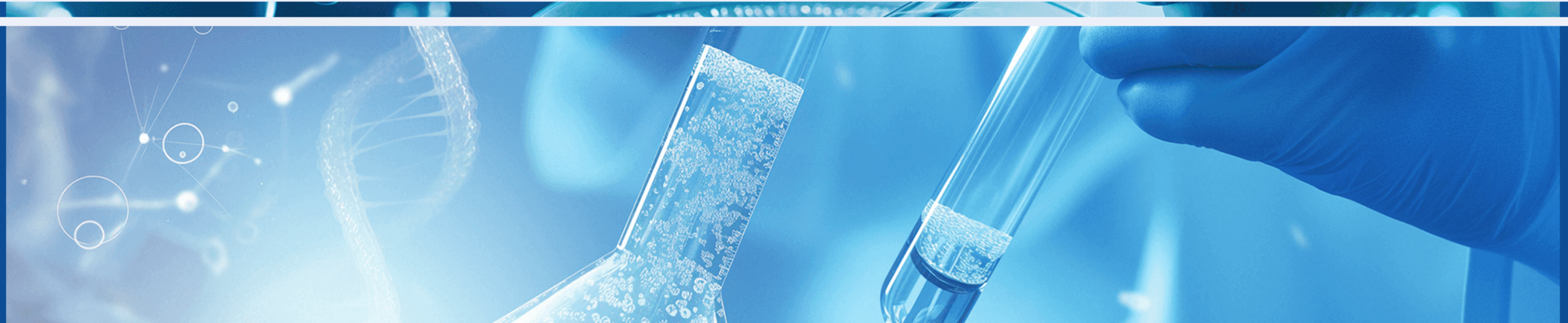


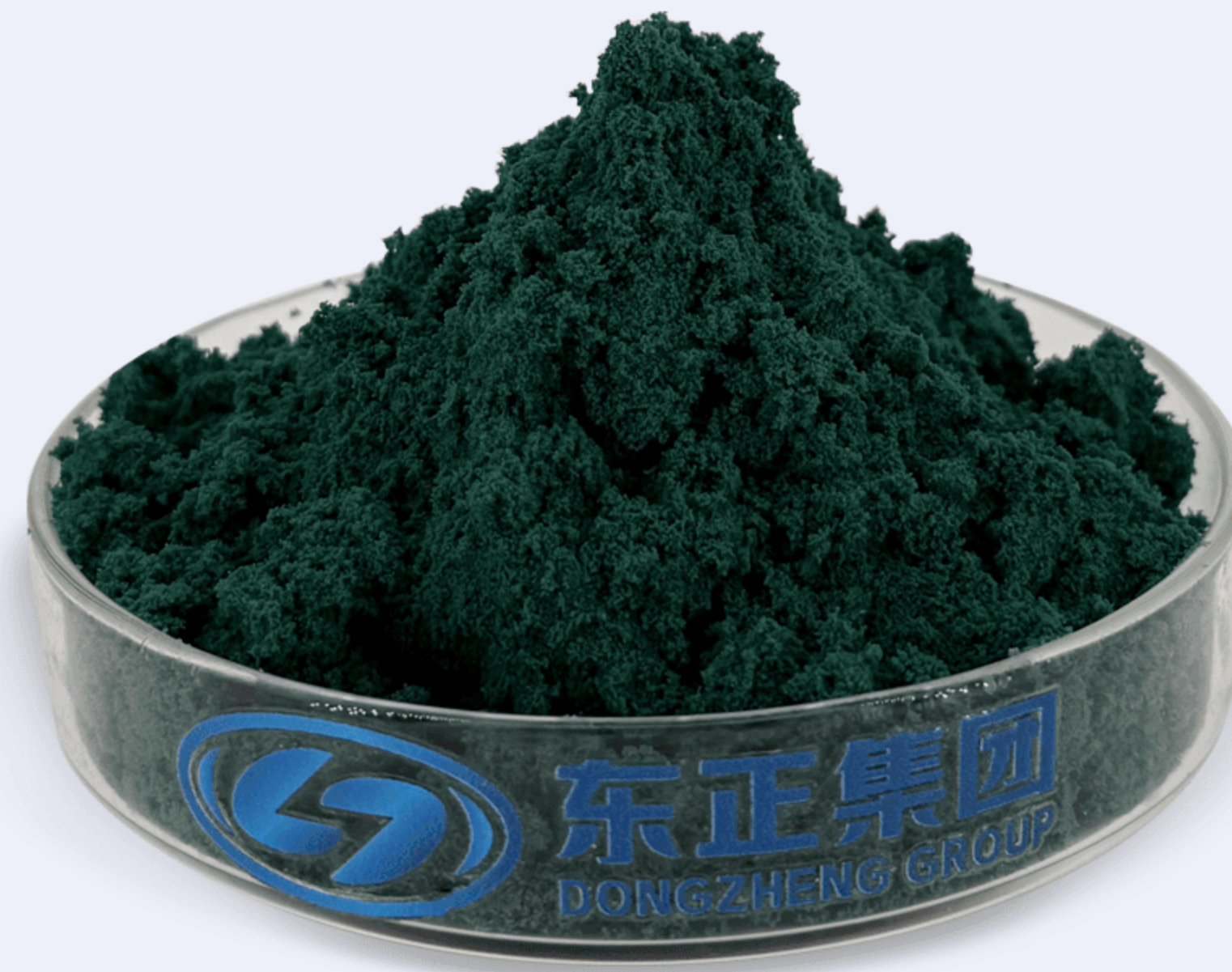
# 氟化铬

## Chromium Fluoride



### 产品信息

【分子式】 $\text{CrF}_3 \cdot 4\text{H}_2\text{O}$   
【分子量】127.01  
【CAS号】123333-98-2  
【外 观】绿色粉末或结晶



### Product Information

【Molecular Formula】 $\text{CrF}_3 \cdot 4\text{H}_2\text{O}$   
【Molecular Weight】127.01  
【CAS Number】123333-98-2  
【Appearance】Green powder or crystals

### 产品性质

- **物理化学性质**  
微溶于水和有机酸，不溶于醇，可溶于氢氟酸。
- **包装**  
25KG纸塑复合袋。(可根据客户需求定制)
- **存储**  
应储存于阴凉、通风的库房，包装需密封，避免受潮。需与酸类隔离存放，严禁混合储存。储区应配备适当的泄漏收容材料，以防止污染扩散。

### 技术指标

【执行标准】Q/DZGY 020-2024

质量指标				指标
氟化铬 (以 $\text{CrF}_3 \cdot 4\text{H}_2\text{O}$ 计)	w/	%	≥	98.50
PH 值 (1: 100)				0.10
铁 (以Fe计)	w/	%	≤	0.05
钙 (以Ca计)	w/	%	≤	0.05
铝 (以Al计)	w/	%	≤	0.01
硫酸盐 (以 $\text{SO}_4$ 计)	w/	%	≤	0.05

### Properties

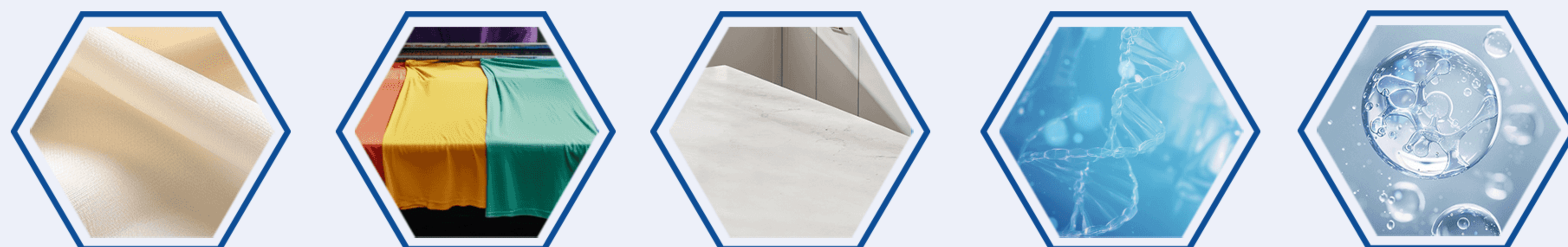
- **Physical and Chemical**  
Slightly soluble in water and organic acids, insoluble in alcohol, soluble in hydrofluoric acid.
- **Packaging**  
25 kg paper-plastic composite bags or as customer specifications.
- **Storage**  
Store in a cool, well-ventilated warehouse. Keep packaging sealed to avoid moisture. Store separately from acids; mixing storage is strictly prohibited. Equip storage areas with appropriate spill containment materials to prevent contamination spread.

### Technical Indicators

【Standard】Q/DZGY 020-2024

Quality Index	Specification
Chromium Fluoride (as $\text{CrF}_3 \cdot 4\text{H}_2\text{O}$ ), w/% ≥	98.50
pH Value (1:100)	0.10
Iron (as Fe), w/% ≤	0.05
Calcium (as Ca), w/% ≤	0.05
Aluminum (as Al), w/% ≤	0.01
Sulfates (as $\text{SO}_4$ ), w/% ≤	0.05

### 应用领域



用于印染工业，用作毛织品防蛀剂、卤化催化剂、大理石硬化及着色剂。

### Application area



Used in the printing and dyeing industry, as a mothproofing agent for woolen fabrics, a catalyst for halogenation, and a hardening and coloring agent for marble.



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