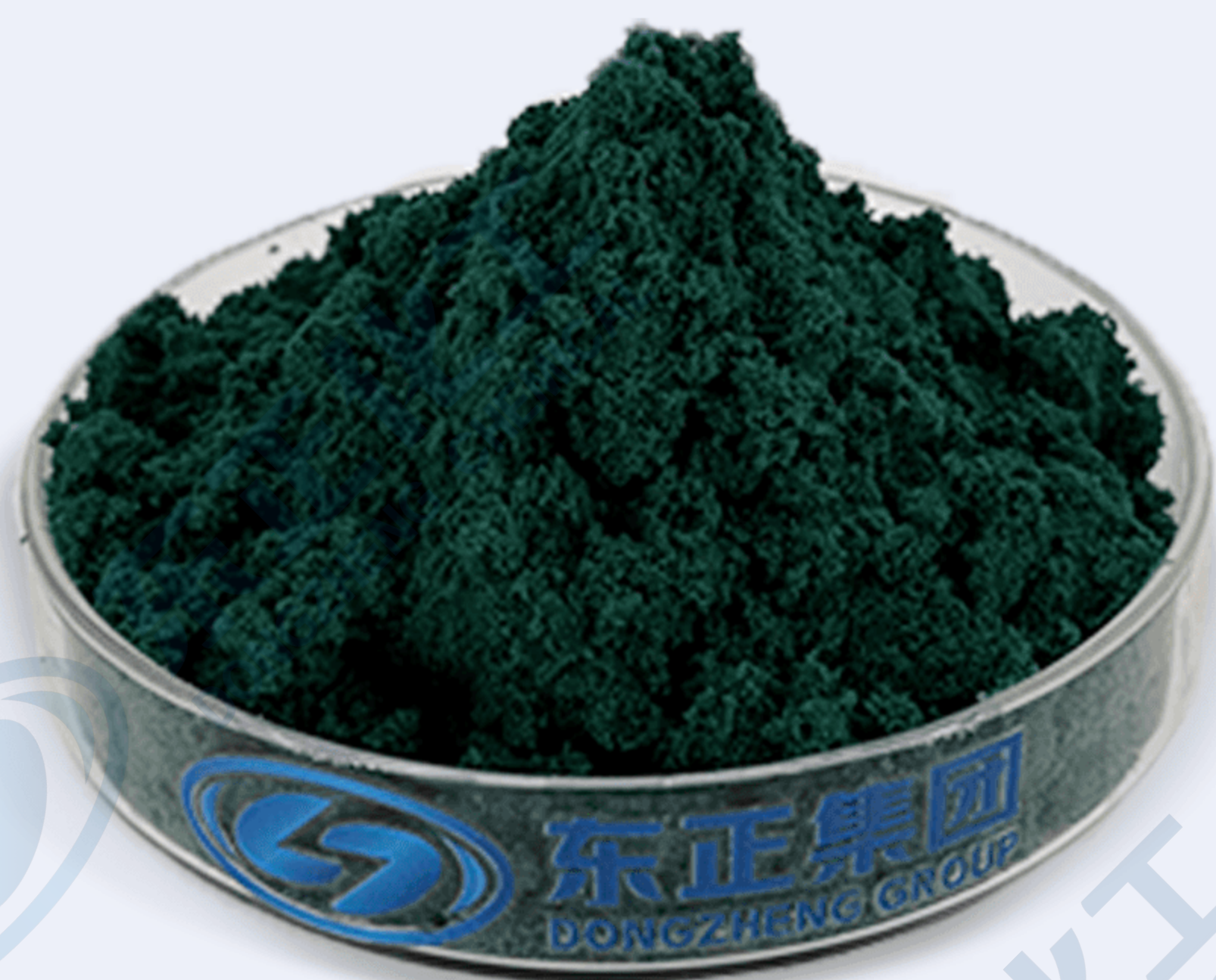
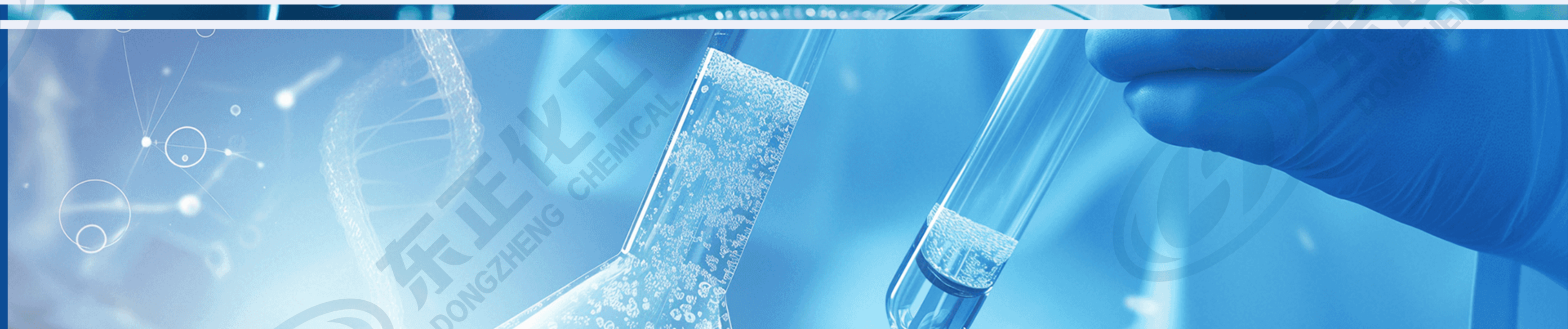


六水合氯化铬

Chromium(III) Chloride Hexahydrate



产品信息

【分子式】 $\text{CrCl}_3 \cdot 6\text{H}_2\text{O}$

【分子量】266.45

【CAS号】10060-12-5

【外观】墨绿色结晶。

产品性质

● 物理化学性质

易潮解，易溶于水，水溶液呈酸性；溶于乙醇，微溶于丙酮，难溶于乙醚；加热分解。

● 包装

25KG/50KG纸塑复合袋。(可根据客户需求定制)

● 存储

储运时应注意存放在阴凉通风的库房，远离火种和热源，避免阳光直射。

技术指标

【执行标准】Q/DZGY 018-2024

质量指标	优级品	一级品	合格品
六水合氯化铬 (以 $\text{CrCl}_3 \cdot 6\text{H}_2\text{O}$ 计) w/ % \geq	99.00	98.30	98.00
铁 (以Fe计) w/ % \leq	0.01	0.01	0.02
钙 (以Ca计) w/ % \leq	0.02	0.02	—
钾 (以K计) w/ % \leq	0.01	0.01	—
钠 (以Na计) w/ % \leq	0.03	0.03	0.20
铝 (以Al计) w/ % \leq	0.03	0.03	—
硫酸 (以 SO_4 计) w/ % \leq	0.02	0.02	0.10
水不溶物 w/ % \leq	0.03	0.05	0.10

应用领域



化学工业用于其他铬盐制造；有机合成用于制造含铬催化剂及烯烃聚合的催化剂；颜料工业用于制造各种含铬的颜料；印染工业用作织物印染媒染剂及鞣革中间体；陶瓷工业用于釉彩；电镀工业用于三价铬电镀。



Product Information

【Molecular Formula】 $\text{CrCl}_3 \cdot 6\text{H}_2\text{O}$

【Molecular Weight】266.45

【CAS Number】10060-12-5

【Appearance】Dark green crystals.

Properties

● Physical and Chemical

It is deliquescent and easily soluble in water, forming a weakly acidic solution, soluble in ethanol, slightly soluble in acetone, hardly soluble in diethyl ether, decomposing upon heating.

● Packaging

25 kg paper-plastic composite bags or customer specifications.

● Storage

Store in a cool, dry, ventilated warehouse, keep away from fire or flame, and avoid heat and direct sunlight during storage and transportation.

Technical Indicators

【Standard】Q/DZGY 018-2024

Quality Index	Premium Grade	First Grade	Qualified Grade
Chromium(III) Chloride Hexahydrate (as $\text{CrCl}_3 \cdot 6\text{H}_2\text{O}$), w/% \geq	99.00	98.30	98.00
Iron (as Fe), w/% \leq	0.01	0.01	0.02
Calcium (as Ca), w/% \leq	0.02	0.02	—
Potassium (as K), w/% \leq	0.01	0.01	—
Sodium (as Na), w/% \leq	0.03	0.03	0.20
Aluminum (as Al), w/% \leq	0.03	0.03	—
Sulfates (as SO_4), w/% \leq	0.02	0.02	0.10
Water-insoluble matter, w/% \leq	0.03	0.05	0.10

Application area



In the chemical industry, it is used in the production of other chromium salts; in the organic synthesis, it is used in the production of chromium-containing catalysts and olefin polymerization catalysts; in the pigment industry, it is used in manufacturing various chromium-based pigments; in the textile and dyeing industry, it serves as a mordant and as an intermediate in leather tanning; in the ceramic industry, it is applied in glaze coloring; in the electroplating industry, it is used in.



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