



TECHNICAL DATA SHEET

**Product Name:** Choline Chloride

**Manufacturer:** Jiangsu Khonor Chemicals Co., Limited

**CAS No.:** 67-48-1

**Molecular Formula:** C<sub>5</sub>H<sub>14</sub>ClNO

**Molecular Weight:** 139.62

**Appearance:** White to light yellow powder or clear liquid

**Grade:** Feed Grade

**Product Forms & Specifications**

Type	Choline Content	Carrier	Appearance	Moisture ≤	Trimethylamine (TMA) ≤	Notes
Choline Chloride 60%	60%	Corn Cob	Light yellow powder	2.00%	300 ppm	Most common, economical option
Choline Chloride 70%	70%	Silica	White free-flowing powder	2.00%	300 ppm	High concentration, dust-free
Choline Chloride 70%	70%	Rice Husk	Yellow-brown powder	2.00%	300 ppm	Eco-friendly carrier, bulk cost-saving
Choline Chloride 75%	75%	None (Liquid)	Clear, colorless liquid	—	300 ppm	For liquid premixes and bulk tanks

**Key Functional Benefits**

- Prevents fatty liver syndrome in poultry and swine
- Improves growth rate and feed efficiency
- Enhances egg-laying performance in layers
- Acts as a methyl group donor, reducing methionine needs
- Supports nervous system development in young animals

## Application & Dosage (Reference Only)

Species	Dosage Range (g/ton feed)
Poultry	500–2000 g/ton
Swine	500–1500 g/ton
Ruminants	200–1000 g/ton
Aquaculture	300–1200 g/ton

## Packaging

- Powder: 25kg craft paper bags with PE liner
- Liquid: 200kg plastic drums / 1000L IBC tanks
- OEM and neutral packaging available on request

## Storage & Shelf Life

- Store in a cool, dry, well-ventilated area
- Keep away from moisture, direct sunlight, and strong oxidants
- Shelf life: 24 months in unopened packaging

## Quality Certification

- Complies with GB/T 21916-2008 / FAMI-QS / ISO9001
- Heavy metals, aflatoxin, dioxins, and pathogens tested per EU feed safety standards