

SPECIFICATION

Product Name: Choline Chloride 60% Feed Grade
Chemical Formula: $C_5H_{14}ClNO$
CAS Number: 67-48-1
Molecular Weight: 139.62 g/mol
Appearance: Brown Granular Powder
Odor: Slight amine odor

Chemical Composition

Parameter	Unit	Typical Value	Specification
Assay	%	65.3	Min 60
Loss on Drying	%	2.4	Max 5.0
Lead (Pb)	PPM	Not Detected	2.0
Microbiological			
Total Plate Counts	cfu/g	55	Max 1000
Mold & yeast	cfu/g	30	Max 100
E. Coli		Absent	Negative
Salmonella		Absent	Negative
S. Aureus		Absent	Negative

Physical Properties

- Solubility: Highly soluble in water.

Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a cool, dry, and well-ventilated area. Keep bags/containers tightly closed after opening. Protect from moisture and humidity (product is hygroscopic). Avoid direct sunlight and heat sources. Store on pallets off the floor and away from walls.

Applications

- Use: Widely used as a nutritional supplement in compound feed and premixes. Used as a source of choline for balanced nutrition.
- Dosage: Varies by species, diet composition, and nutritionist recommendation.

Packaging

- Standard Packing: 25 kg woven PP bags with inner liner, 1Kgs and 100grams, or as per customer requirement.
- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

* Specifications are based on the manufacturer's provided specifications.