

# PuraChol™

## Choline Chloride

**PuraChol™ Aqueous Choline Chloride** is a superior quality, aqueous choline chloride product of U.S. origin.

Choline is an essential nutrient for growth, development and good health of many animal species. It is a biochemical building block and precursor to numerous compounds required to support life.



### Guaranteed Analysis:

	Minimum	Choline Cation Equivalency
70% aqueous	70.0%	52.2%
75% aqueous	75.0%	56.0%

### Physical Characteristics:

Color	Clear to light amber slight amine odor
Texture	Liquid
Particle Characteristics	Free flowing
Package Type	Polyethylene Drum
Package Weight	500 lb / 55-Gallon
Shelf Life	2 years after the date of manufacture

### Safe Handling & Storage:

When correctly used, there is no toxicity hazard in the use of PuraChol Choline Chloride. Refer to the SDS for more detail. Suitable for use in premixes and/or feed. Store in a clean and dry environment. Follow label directions and rotate inventory to ensure fresh product.

### Feeding Recommendations:

	Period	NRC Requirement mg/kg of feed*
Broilers	Starter	1,300
	Grower	1,000
	Finisher	750
Layers	Pullets	500 - 1,300
	Laying	1,310
Turkeys	Starter	1,600
	Grower	1,100
	Finisher	950
	Breeder	1,000
Geese		1,500
Ducks	Market	1,500
	Breeding	1,700
Swine	Starter	600
	Grower	400
	Finisher	300
	Gestation	1,250
	Lactation	1,000
Calves		1,000
Shrimp		600
Salmon		800
Trout		1,000
Common Carp		500
Canine	Growth & Reproduction	1,360
	Adult Maintenance	1,360
Feline	Growth & Reproduction	2,400
	Adult Maintenance	2,400

\*liquid matter basis

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### The PuraChol Difference

- Total supply chain control.
- Stringent raw material standards.
- Strict manufacturing controls.
- Multiple production locations.
- Comprehensive product portfolio.
- Reliable customer service.
- Technical expertise and support.
- Inventory management.
- Social responsibility.
- Environmental stewardship.
- Research leadership.
- Industry support.
- High purity standards.
- Global presence.

### Feed Safety and Quality

PuraChol from Balchem sets the highest industry standards for choline production. By sourcing the best domestic raw ingredients, manufacturing them in world-class facilities, maintaining complete supply-chain control and holding ourselves to the strictest manufacturing standards, we can ensure that the product you get is premium quality.

PuraChol aqueous choline chloride is manufactured in Verona, Missouri and St. Gabriel, Louisiana. Our feed safety management system is certified FAMI-QS, SQF, and GMP+.

### ALL CHOLINE PRODUCTS ARE NOT CREATED EQUAL.

While all choline chloride products are formulated using the same basic molecule, significant differences exist among commercial choline brands and the companies that market them. These differences are seen in product quality testing programs, raw ingredient supply controls and proprietary manufacturing techniques. Differences also extend beyond product to the intangible, but consumer-driven areas such as social responsibility, industry research support and environmental stewardship.

Balchem has invested more than 50 years in research, manufacturing advances and raw ingredient testing and sourcing to ensure you receive the highest quality, purest choline chloride possible.

Balchem Animal Nutrition & Health is the global leader in choline production, chelation and encapsulation technology. With a growing portfolio of nutrition products and a dedication to innovation and industry sustainability, Balchem is leading the charge to meet the nutritional needs of ruminants, monogastrics and companion animals. The company consists of three business segments: Human Nutrition & Health; Animal Nutrition & Health; and Specialty Products. Balchem employs over 1,400 people worldwide who are engaged in diverse activities, committed to developing the company into global market leadership positions.



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