

# **AviGly**

Glycine



## **Precision-Engineered Glycine for Unmatched Purity and Consistency.**

AviGly is at the forefront of innovation in glycine-based solutions, offering unparalleled quality and reliability for formulators across various industries. Glycine is recognized as an essential amino acid, playing a critical role in numerous chemical processes, making AviGly a versatile and indispensable ingredient. Whether enhancing pharmaceutical formulations, improving food and beverage products, or contributing to advanced industrial applications, AviGly delivers consistent performance, setting a new benchmark for excellence in the market.

## **The Avid Organics Advantage**

- FSSC-22000, ISO-14000, and ISO-45000, SMETA accredited facility.
- Kosher, Halal, FSSAI, and FDA-certified food & feed products/ingredients.
- All operations powered by 100% renewable electricity by 2025
- Pledged to achieve zero actual carbon emissions by 2040.
- Strictly committed to zero animal testing.
- In-house R&D that delivers customized, eco-friendly solutions to meet evolving industry needs.
- State-of-the-Art infrastructure & facility.

AviGly is manufactured using stringent quality control processes to ensure that each batch meets the highest standards of purity and consistency. Our state-of-the-art facilities are equipped to produce both technical-grade and pharmaceutical-grade glycine, catering to the specific needs of our diverse clientele.

## Market Applications of AviGly

### 1. Pharmaceutical Industry

- Intermediate for Active Pharmaceutical Ingredients (APIs)
- Buffering Agent
- Nutritional Infusions

### 2. Animal Nutrition

- Feed Additives

### 3. Food & Beverage Industry

- Flavor Enhancer and Sweetener
- Preservative and Stabilizer
- Specialty Applications

### 4. Cosmetics & Personal Care

- Stabilizer for Vitamin C
- Amino Acid Enrichment

### 5. Industrial Applications

- Chemical Processes
- Stabilization in Formulations

## Technical Specifications



Parameter	AviGly - T (Tech)	AviGly-HP (USP)
Assay	98.5	98.5 - 101.5
Chloride (Cl)	0.5 %	0.007%
Sulphate (SO4)	-	0.0065%
Ash	0.7%	0.70%
Residue on ignition	-	0.10%
Loss on drying	0.5	0.2
pH	-	5.5 - 6.5

CAS Number: 56-40-6

Molecular Formula:  $C_2H_5NO_2$

Molecular Weight: 75.07 g/mol

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