



**Godavari**  
Biorefineries Ltd

*“Your reliable partner for Green,  
renewable & circular bio based products.”*

**Godavari Biorefineries Ltd**



# Bio-based Acetic Acid

Godavari Biorefineries Ltd. (GBL) – A Somaiya Group Company is engaged in the manufacture of sugar, ethanol, renewable energy, chemicals, biogas and compost – all from agricultural resources.

GBL is delighted to introduce “Green Bio Acetic Acid Glacial” manufactured from natural raw material Bio-ethanol adhering to the Green Chemistry Principles.

Our Green Bio Based Acetic Acid Glacial gives you opportunity to replace the fossil based Acetic Acid Glacial for range of applications.

Incorporate our Bio-Based Acetic Acid in your supply chain and add value to your goal of sustainability.

## Specifications

Test	Specification
Appearance	Clear Colorless Liquid
Acetic Acid Content (wt %)	MIN 99.5
Freezing Point (°C)	15.8 - 16.4
Water Content (wt %)	MAX 0.20
Aldehyde as Acetaldehyde (wt %)	MAX 0.05
Formic Acid (wt %)	MAX 0.15
Density (g/ml)	1.044-1.050

## Certifications

- KOSHER
- HALAL
- REACH
- FSSAI
- COSMOS

## Applications

- In Manufacturing of Purified Terephthalic Acid (PTA) & Vinyl Acetate Monomer (VAM)
- In Food Industry as a Food Additive, Acidity Regulator, Preservative & Flavor Enhancer
- In Textile Industries for Textile Processing and Printing
- In the Pharmaceutical Industry as an Acidifying Agent
- In Agriculture/Animal Feed/Poultry as Chemical Intermediate or Solvent
- In the Formulation of Health & Personal Care Products

## Packaging

Jerry Can, HDPE Drums, IBC, ISO Tank, Tanker Load.



## Bio-based Acetic Acid

## Bio-based Ethyl Acetate

## Bio-based n-Butanol

Test	Specification
Appearance	Clear Colorless Liquid
Acetic Acid Content (wt % )	MIN 99.5
Freezing Point (°C)	15.8 - 16.4
Water Content (wt%)	MAX 0.20
Aldehyde as Acetaldehyde	MAX 0.05
(wt % ) Formic Acid (wt%)	MAX 0.15
Density (g/ml)	1.044-1.050

Test	Specification
Appearance	Clear Colorless Liquid
Assay(%)	Min 99.80
Colour (Hzn)	Max 10
Moisture(%)	Max 0.030
Acidity as Acetic Acid(%)	Max 0.005
Residue on Evaporation(%)	Max 0.005
Ethanol	Max 0.030

Test	Specification
Colour (Hzn)	Max 10
Assay(%)	Min 99.00
Moisture (%)	Max 0.050
Acidity as Acetic Acid (%)	Max 0.050

### Certifications

KOSHER, HALAL, FSSAI  
Bio Preferred, COSMOS

### Applications

In the Food industry as a Food Additive, Acidity Regulator, Preservative & Flavor Enhancer

For Textile Processing & Printing  
In the Pharmaceutical Industry as an Acidifying Agent

In the Formulation of Health & Personal Care Products In Manufacturing of Purified Terephthalic Acid (PTA) & Vinyl Acetate Monomer (VAM)

### Packaging

Jerry Can, HDPE Drums, IBC, ISO Tank, Tanker Load

### Certifications

KOSHER  
HALAL

### Applications

Polyurethane Applications  
Solvent Applications  
Ink Grade

Resin & Adhesives  
Pharmaceutical Solvent Application

### Packaging

MS Drums, HDPE Drums, IBC, ISO tank, Tanker Load.

### Applications

Solvent in Paints, Coatings & Dye Industry

Additive in a Formulated Consumer Products, Polishes & Cleaners

Solubilizer in the Textile Industry  
In Cosmetics & Personal Care Products

In Production of Ethers & Esters

### Packaging

MS Drums, HDPE Drums, IBC, ISO Tank, Tanker Load.

