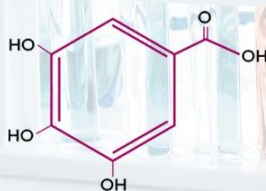


# GALLIC ACID ANHYDROUS



## PRODUCT IN FOCUS



## Gallic Acid Anhydrous

### INTRODUCTION

Gallic acid is an organic aromatic compound activated by 3-hydroxyl groups. It is abundant in grapes and leaves of some plants. The acid has excellent antioxidant and medicinal properties and finds uses in many industry verticals.

### Manufacture

It is commercially produced by acid hydrolysis of tannin or gallnuts.

<b>Synonym</b>	3,4,5-Trihydroxybenzoic acid Pyrogallol-5-carboxylic acid
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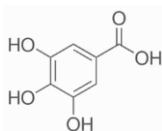
<b>CAS no.</b>	149-91-7
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<b>EINECS no.</b>	205-749-9
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<b>Molecular formula</b>	C <sub>7</sub> H <sub>6</sub> O <sub>5</sub>
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<b>Molecular weight</b>	170.12
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<b>Structure</b>	
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### Applications

#### API:

- ✔ Gallic acid itself is a drug having antibacterial, antiviral, and antifungal activities.

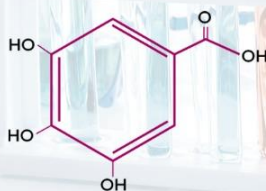
**Intermediates:** It is consumed to manufacture

- ✔ Propyl gallate
- ✔ Pyrogallol
- ✔ Bismuth subgallate
- ✔ n-Octyl gallate
- ✔ Dodecyl gallate
- ✔ Methyl 3,4,5-trihydroxybenzoate

#### Others:

- ✔ In tanning and leather industries
- ✔ In making raw material for blue/black ink
- ✔ As an additive to increase storage time and oxidation resistance of fats and oil
- ✔ As standard to measure total tannin content in Oak wood powder

# GALLIC ACID ANHYDROUS



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### SPECIFICATIONS

Test	Unit	Specification
Appearance	-	White to creamy white crystalline powder
Solubility	-	Soluble in hot water, 95% ethanol, and acetone
LOD at 105°C	%	Max 1.0
ROI	%	Max 0.1
Sulphate	%	Max 0.02
Tannic acid and related substances by TLC	-	Any secondary spot with solution (1) is not more intense than the spot obtained with solution (2)
Heavy metals	ppm	Max 20
Arsenic	ppm	Max 4
Assay on dried basis	%	Min 99.00

### STORAGE

Stored at ambient temperature.

### PACKING

25 kg cardboard box with inner liner.

### REACH Status

Not registered yet.

No matter the quantity you need, our exceptional quality and service will make ExSyn your supplier of choice! If you need any additional information or SDS, please contact us.