

Chem-Impex International, Inc.

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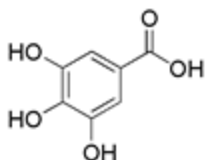
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 22784
Product **Gallic acid anhydrous**

3,4,5-Trihydroxybenzoic acid

CAS Number 149-91-7

Molecular Formula C₇H₆O₅

Molecular Weight 170.12

Appearance White crystalline powder

Solubility 1 g in 87 mL water at 25 °C

Melting Point 252 °C

Anion Sulfate (SO₄²⁻): ≤ 0.02%

Insoluble material ≤ 0.01%

Assay by titration ≥ 98.0%

Application Testing for free mineral acids, dihydroxyacetone, and alkaloids

Storage Store at RT

Additional Information Sublimes at 210 °C, giving a stable form with melting point 258–265 °C and an unstable form with a melting point 225–230 °C.
Residue after ignition: ≤ 0.05%

For Laboratory Use Only