



Specialized in chemicals

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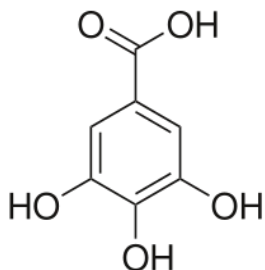
Technical Data Sheet

Gallic acid

Product Information

Chemical Name	Gallic acid
CAS #	149-91-7
Formula	C ₇ H ₆ O ₅
Molecular Weight	170.12
Synonyms	3,4,5-Trihydroxybenzoic acid

Chemical Structure



Description

Gallic acid [3,4,5-trihydroxybenzoic acid, C₆H₂(OH)₃COOH] is obtained from nutgalls and other plants or by the hydrolysis of tannic acid with sulfuric acid.

Physical Properties

Appearance:	white crystalline powder
Boiling point:	235°C
Melting point:	251°C
Density :	1.7g/cm ³
Solubility in water:	1.1g/100ml

Specification

Gallic acid---Industrial grade

Content: ≥ 99.0 min
Loss On Drying: ≤ 10.0
Residue on Ignition % : ≤ 0.10
Solubility in water: 1.1g/100ml

Gallic acid -----Food grade
Content: ≥ 99.5
Loss On Drying: ≤ 5.0
Residue on Ignition % : ≤ 0.10

Gallic acid-----Pharm grade
Content: ≥ 99.7
Loss On Drying: ≤ 5.0
Residue on Ignition % : ≤ 0.10
Tannic acid, ppm : ≤ 1.0
Sulphate ,ppm: ≤ 10.0
As,ppm : ≤ 3.0
Pb,ppm: ≤ 10.0

Safety Gallic acid is a common goods on transportation.
Always refer to the Material Safety Data Sheet (MSDS)

Applications
Gallic acid and its derivatives are used in making dyes and inks, photographic developers and has been used as astringents in medically. Some gallates are used as antioxidants in foods..

Packaging
25kg in fiber drum/ bag
9tons in 20ft container

Storage & Handling
Store in a cool, dry, well-ventilated area away from incompatible substances.
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods
Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

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