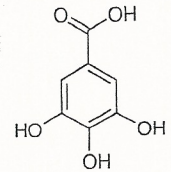




INDOFINE Chemical Company, Inc.

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HPLC

Lot No.: 13050604

GALLIC ACID

024993S

IDENTIFICATION

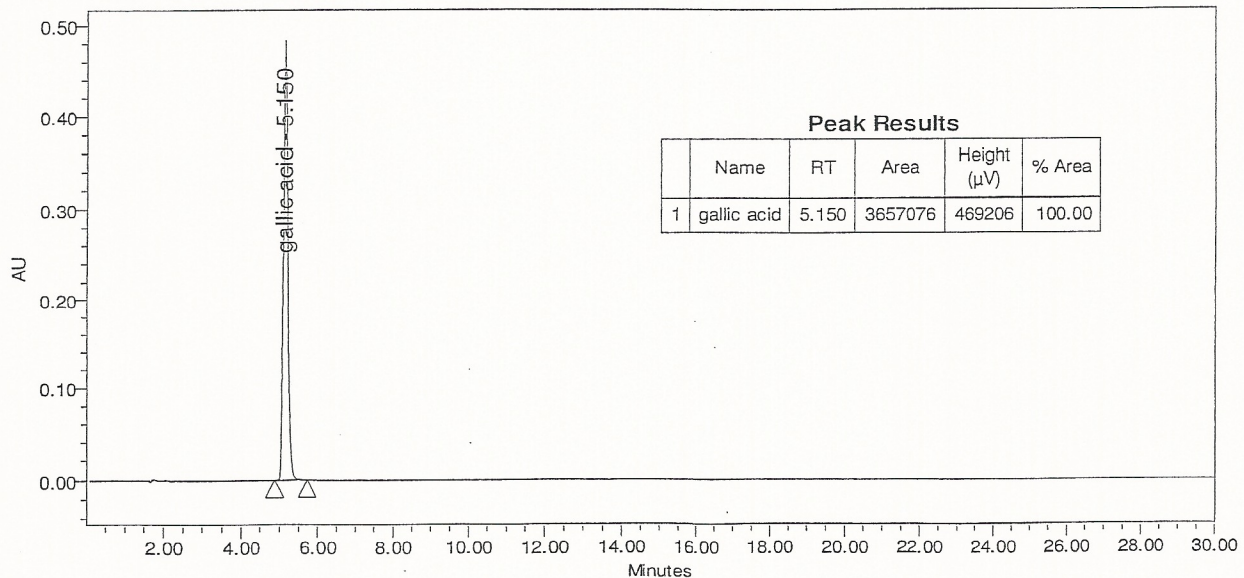
CAS number	[149-91-7]
Synonym name	3,4,5 Trihydroxybenzoic acid
Chemical family	Phenolic acids and derivatives
Molecular formula	C ₇ H ₆ O ₅
Molecular weight	170.13

CERTIFICATE OF ANALYSIS

Appearance	White powder
Absorption maxima	272 nm in methanol
Thin layer chromatography	support Silicagel
	solvent Toluene/ethyl formate/formic acid (5/4/1, V/V/V)
	detection U.V.
Moisture	1.1%
Residual solvents	<0.5%
Storage	UNSTABLE IN SOLUTION. Store at room temperature in a dry and dark place. Place in a desiccator under vacuum before use.

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

Column	Symmetry Shield RP18® (4.6 x 150 mm), particle size 3.5 µm
Solvent	Water + 0,3% H ₃ PO ₄ /methanol/acetonitrile (93/2/5, V/V/V)
Flow rate	1ml/mn
Detector	UV visible 280 nm
Sample solvent	Methanol



Assay by an HPLC method.

Date of last QC-recheck: November 2012

Date of retest: November 2016

The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.