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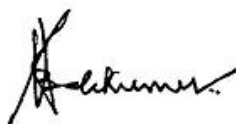
825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	22784
Lot Number	000331-33970
Product	Gallic acid anhydrous 3,4,5-Trihydroxybenzoic acid
CAS Number	149-91-7
Molecular Formula	C ₇ H ₆ O ₅
Molecular Weight	170.12
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Appearance	White crystalline powder
Solubility	1 g in 87 mL water at 25 °C
Melting Point	252 °C
Anion	Sulfate (SO ₄ ²⁻): < 0.01%
Loss on Drying	0.24% (105 °C)
Insoluble material	0.005%
Assay by titration	99.85%
Grade	ACS
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%
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager