

5038– n-PROPYL GALLATE (FOOD GRADE)

REF NO: TBL/QA/SS/F/5038	STANDARD SPECIFICATION FOR n-PROPYL GALLATE (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
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PRODUCT PROPERTIES

C.A.S Number	121-79-9
Chemical Formula	C ₁₀ H ₁₂ O ₅
Formula weight	212.20
Functional Uses	n-Propyl Gallate is used as an antioxidant in food.
Standard Packaging	25 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White or creamy-white, crystalline odourless solid
Solubility	Slightly soluble in water; freely soluble in ethanol, ether and propane-1,2- diol

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting range (after drying)	146 – 150°C
Gallic acid	Passes test
Loss on drying (110° , 4 h)	NMT - 0.5%
Sulfated ash	NMT - 0.1%
Chlorinated organic compounds (as Cl)	NMT - 100 mg/kg
Free acid (as gallic acid)	NMT - 0.5%
Lead	NMT - 2.0 mg/kg
Assay	98.0% - 102.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

