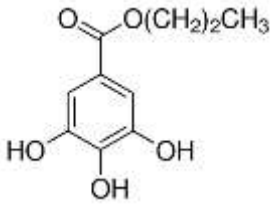
# PROPYL GALLATE
## MEETS TO BP TESTING SPECIFICATION

| | |
|---|---|
| **PRODUCT CODE** | **B53050** |
| **SYNONYMS** | **n-PROPYL-3,4,5-TRIHYDROXY BENZOATE** |
| **C.I. NO.** | **--** |
| **CASR NO.** | **(121-79-9)** |
| **ATOMIC OR MOLECULARFORMULA** | **$C_{10}H_{12}O_5$** |
| **ATOMIC OR MOLECULARWEIGHT** | **212.20** |
| **PROPERTIES** | **Almost insoluble in water, soluble in alcohol ( 50/50), somewhat soluble inoils.** |




| PARAMETER | LIMIT |
|---|---|
| Description | White to creamy white crystalline powder. |
| Solubility | 10% Solution in methanol is clear. |
| Identification (IR Spectrum) | Passes test |
| Identification (By TLC (in Gallic acid test)) | Passes test |
| Identification (By chemical test) | Passes test |
| Melting point | 146 - 148°C |
| Minimum Assay (On dry basis) | 97.0 – 103% |
| **MAXIMUM LIMIT OF IMPURITIES** | |
| Sulphated ash | 0.1% |
| Loss on drying at 105$^0$C | 0.5% |
| Total chlorine | 0.02% |
| Chloride (Cl) | 0.01% |
| Zinc (Zn) | 0.0025% |

**Note(s) :Assay (if applicable) method mentioned.**

**DANGER**

**Hazard statements :**Harmful if swallowed. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction

**Precautionary statements**

**Prevention :**Avoid breathing dust/fume/gas/mist/vapours/spray. In case of inadequate ventilation wear respiratory protection. Contaminated clothing should not be allowed out of the workplace. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

**Response :**IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If skin irritation or rash occurs, seek medical advice/attention. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse.

**Disposal:** The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code **:**
UN No. :
IATA :

Hazard Pictogram(s) :



GHS07



GHS08