

## 5056 – PROPYL PARABEN (FOOD GRADE)

REF NO: TBL/QA/SS/F/5056	STANDARD SPECIFICATION FOR PROPYLENE GLYCOL ALGINATE (PGA) (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 07/02/2025
Issue Date:08/02/2022		Product code: 5056

### PRODUCT PROPERTIES

C.A.S Number	94-13-3
Chemical Formula	C <sub>10</sub> H <sub>12</sub> O <sub>3</sub>
Formula weight	180.21
Functional Uses	Propylene Glycol Alginate is used as food preservatives
Standard Packaging	25 kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Almost odourless, small, colourless crystals or a white, crystalline powder.
Solubility	Freely soluble in ethanol, ether and propylene glycol

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on Drying (over silica gel, 5 h)	NMT-0.5%
Sulphated ash	NMT-0.05%
Melting Range	95-98°C
Acidity	Passes Test
p-Hydroxybenzoic acid and salicylic acid	Passes Test
Lead	NMT- 2mg/kg
Assay (on dried basis)	NLT – 99.0%

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

