

## PRODUCT SPECIFICATION

**PRODUCT:** Propyl Paraben

### TYPICAL PROPERTIES

**CHARACTERS:**

Sr. no.	Characteristic	Test Method	Specification
1	Appearance	Visual	White or Almost white crystalline powder
2	Solubility	BP	Very slightly soluble in water, freely soluble in ethanol (96 %) and in methanol.

**IDENTIFICATION (as per BP / Ph. Eur.):**

Ref. alphabet	Identification	Test Method	Specification
A	Melting point, °C	BP	96 – 99
B	Infrared absorption	BP	Matches with standard

**TESTS:**

Sr. no.	Test	Test Method	Specification
1	Appearance of solution	BP	Clear solution which is not more intensely coloured than the standard solution
2	Acidity	BP	Not more than 0.1 ml of 0.1 M NaOH is required
3	Sulphated Ash	BP	Maximum 0.1 %
4	Assay by HPLC, %	BP	98 – 102
5	Impurities (by HPLC)	BP	Maximum 0.5 %
6	Unspecified impurities (by HPLC)	BP	Maximum 0.5 %
7	Total impurities (by HPLC)	BP	Maximum 1.0 %

**Packing:** 25 kg Fibre Drums / Cartons / Bags