

## PRODUCT SPECIFICATION

**PRODUCT:** Sodium Propyl Paraben

### TYPICAL PROPERTIES

**CHARACTERS:**

Sr. no.	Characteristic	Test Method	Specification
1	Appearance	Visual	White or almost white hygroscopic crystalline powder
2	Solubility	BP	Freely Soluble in water, sparingly soluble in ethanol (96 per cent), practically insoluble in methylene chloride.

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

Ref. alphabet	Identification	Test Method	Specification
B	Infrared absorption	BP	Matches with standard
D	Reaction of sodium salt	BP	To comply with the monograph

**TESTS:**

Sr. no.	Test	Test Method	Specification
1	Appearance of solution	BP	A 10 % w/v solution in carbon dioxide-free water clear and not more intensely coloured than BY 6. (Determined on 5.0 gm)
2	pH	BP	9.5 – 10.5
3	Chloride, ppm	BP	Not more than 350
4	Sulphate, ppm	BP	Not more than 300
5	Heavy metals, ppm	BP	Not more than 10
6	Water, % (determined on 0.5 g)	BP	Not more than 5.0
7	Assay by HPLC (as C <sub>10</sub> H <sub>11</sub> NaO <sub>3</sub> ), %	BP	94 – 102 (OAB)
8	Impurity A: Impurities, % (HPLC)	BP	Not more than 4.0
9	Unspecified impurities, % (HPLC)	BP	Not more than 0.5
10	Sum of impurities other than A, % (HPLC)	BP	Not more than 1.0

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