

## Certificate of Analysis

**Name:** PROPYL PARABEN USP/NF

**INCI:** N/A

**Cas No.** 94-13-3

**Country of Origin:** India

**Lot No:** BCPPUSP122022

**Expiry:** December 2027

### Specifications

Characteristic	Specification	Result
Description	White crystalline powder or colorless crystals.	White powder
Solubility	Slightly soluble in water, freely soluble in alcohol and in methanol.	Complies
Identification		
A. IR absorption	A. Infrared absorption <197M>	Complies
B. Melting Range, °C	B. between 96°C and 99°C	96.7
Residue on ignition	Not more than 0.1%	0.061
Related Substances (By HPLC)		
PHBA	Not more than 0.5%	Not detected
Unspecified Impurities	Not more than 0.5%	Not detected
Total Impurities	Not more than 1.0%	Not detected
Color of solution	The solution is clear and not more intensely colored than matching fluid G.	Passes
Acidity	Not more than 0.1 ml of 0.1 N sodium hydroxide VS is required to change the colour of the solution to blue.	0.04 ml of 0.1N sodium hydroxide solution.
Residual solvent. N-Propanol Toluene	Method IV <467>. Meet the requirements. NMT 5000 ppm NMT 890 ppm	Not detected 63
Assay (By HPLC)	98.0% - 102.0%	99.41

Remarks: Material passes as per USP/NF specifications.

Keep it away from light, heat & moisture for longer shelf life

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