TECHNICAL DATA SHEET

METHYL PARABEN

TEST SPECIFICATION

Sr. No.	Test	Specification
1	Appearance	White or Almost white, crystalline powder or colourless crystals
2	Solubility	Very slightly soluble in water, freely soluble in ethanol (96%), and in methanol
3	Identification – Melting Point, °C	125°C to 128°C
	Identification – IR	The infrared absorption spectrum of the sample should be concordant with the reference spectrum of methyl parahydroxybenzoate
4	Appearance of Solution	A 10% w/v solution in ethanol (96%) is clear and not more intensely coloured than BY
5	Acidity	Not more than 0.1 ml of 0.1 M NaOH solution is required
6	Sulphated Ash (w/v)	Not more than 0.1%
7	Related Substances by HPLC – Impurity A	Not more than 0.5%
	Related Substances by HPLC – Unspecified Impurities	Not more than 0.5%
	Related Substances by HPLC – Total Impurities	Not more than 1.0%
8	Assay by HPLC (as $C_8H_8O_3$)	98.0% to 102.0%

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