

Parabens

Test	Methyl Paraben	Propyl Paraben
Appearance	White or almost white crystalline powder	White or almost white crystalline powder
Solubility	Very slightly soluble in water, freely soluble in ethanol (96%) and in methanol.	Very slightly soluble in water, freely soluble in ethanol (96%) and in methanol.
Melting point, °C	125 - 128	96 - 99
Infrared absorption	Matches with standard	Matches with standard
Appearance of solution	Clear solution which is not more intensely coloured than the standard solution	Clear solution which is not more intensely coloured than the standard solution
Acidity	Not more than 0.1 ml of 0.1 N NaOH is required	Not more than 0.1 ml of 0.1 M NaOH is required
Sulphated ash, %	Max. 0.1	Max. 0.1
Assay, % (By HPLC)	98 - 102	98 - 102
Related substances, % (By HPLC)		
Impurity A	NMT 0.5	NMT 0.5
Unspecified impurities	NMT 0.5	NMT 0.5
Total impurities	NMT 1.0	NMT 1.0
* We also formulate sodium salt of Methyl Paraben & Propyl Paraben *		