

## Parabens

Test	Methyl Paraben	Propyl Paraben
<b>Appearance</b>	White or almost white crystalline powder	White or almost white crystalline powder
<b>Solubility</b>	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.
<b>Melting point, °C</b>	125 - 128	96 - 99
<b>Infrared absorption</b>	Matches with standard	Matches with standard
<b>Appearance of solution</b>	Clear solution which is not more intensely coloured than the standard solution	Clear solution which is not more intensely coloured than the standard solution
<b>Acidity</b>	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
<b>Sulphated ash, %</b>	Max. 0.1	Max. 0.1
<b>Assay, % (By HPLC)</b>	98 - 102	98 - 102
<b>Related substances, % (By HPLC)</b>		
<b>Impurity A</b>	NMT 0.5	NMT 0.5
<b>Unspecified impurities</b>	NMT 0.5	NMT 0.5
<b>Total impurities</b>	NMT 1.0	NMT 1.0
* We also formulate sodium salt of Methyl Paraben & Propyl Paraben *		