

PRODUCT SPECIFICATION

LIGHT YELLOW BEESWAX BP

PHC 3000

Appearance*	(BP/Ph Eur)	Yellow pellets with a faint characteristic odour.
Solubility*	(BP Ph Eur)	Practically insoluble in water, partially soluble in hot ethanol (90% w/w) and completely soluble in fatty and essential oils.
Specific Gravity*	(BP/Ph Eur 2.2.5)	~0.96
Congearing point	(ASTM D938)	61 - 65°C
Melting Point	(BP/Ph Eur 2.2.17)	62 – 65°C
Acid Value	(BP/Ph Eur 2.5.1)	17 – 22 (mg KOH/g)
Ester Value	(BP/Ph Eur 2.5.2)	70 – 80 (mg KOH/g)
Saponification Value	(BP/Ph Eur)	87 – 102 (mg KOH/g)
Ratio	(Calculated)	3.3 – 4.3
Ceresin, Paraffin and certain other waxes	(BP/Ph Eur)	Complies with test
Glycerol and other Polyols	(BP/Ph Eur)	≤0.5%
Fats, Japan wax, Rosin and Soaps*		Not detected
Peroxide Value*		≤5 (mM H2O2/Kg)
Heavy Metals*		≤3 (mg/Kg) As, ≤1 (mg/Kg) Hg, ≤2 (mg/Kg) Pb

This material meets the requirements of the British Pharmacopeia (BP), European Pharmacopeia (Ph Eur) and E901 specifications.

**Indication only, not stated on Certificate of Analysis*

n.b This document nullifies and replaces all previous documents referring to this material.

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