

PRODUCT SPECIFICATION

WHITE BEESWAX BP

PHC 1000

Appearance*	White/Yellowish-white pellets with a faint characteristic odour free from rancidity.
Solubility*	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 g/cm ³
Congealing Point (ASTM D938)	61 - 65°C
Drop Melting Point (BP/Ph Eur 2.2.17)	62 - 65°C
Acid Value (BP/Ph Eur 2.5.1)	17 – 24 mg KOH/g
Ester Value (BP/Ph Eur 2.5.2)	70 – 80 mg KOH/g
Saponification Value (BP/Ph Eur 2.5.6)	87 – 104 mg KOH/g
Ratio (Calculation)	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* (BP/Ph Eur)	Not detected
Heavy Metals*	≤ 3 As, ≤ 1 Hg, ≤ 2 Pb mg/kg

*Indication only, not stated on Certificate of Analysis

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