



Bio Green Wax Ltd

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Certificate of Analysis

PRODUCT NAME: Yellow Beeswax

Property	Value
BOTANICAL NAME	CERA ALBA
PLANTS PART USE	Wax
LOT NO	0326-1866-AI-BEWX
CAS NO	8006-40-4
COLOR	Creamy white to yellowish color blocks or pastilles
APPEARANCE	Waxy appearance
ODOR	Characteristic odor

PHYSICO-CHEMICAL PROPERTIES

TESTS	REQUIREMENT	RESULT
MELTING RANGE	61° - 65°C	61.7°C
ACID VALUE	5 - 15	7.72
ESTER VALUE	70 - 95	85.49
SAPONIFICATION VALUE	87 - 104	93.21
CERESIN, PARAFFIN & OTHER WAXES	Solution may be opalescent & no precipitate before the temperature reaches 65°C	Complies
GLYCERIN & OTHER POLYHYDRIC ALCOHOL	Any bluish violet color of solution A is not more intense than that solution B	Complies
RATIO NUMBER	5 - 19	11.07
FATS, FATTY ACIDS, JAPAN WAX & RESIN	No precipitate is produced	Complies

