

Services and price list

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Sachverständige für tierische,
pflanzliche, mineralogische
Wachse und Wachsprodukte

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The listed methods are the most common / most needed methods for beeswax analysis in the EU. We can provide you all analysis regarding USP, JEFCA, ASTM, RAL and many more. We will be pleased to make you an individual offer!

Beeswax

Analysis-No.	Specification	Method	Price (€) per Sample
BW001	Beeswax adulterations (Paraffin, Stearin etc.; qualitative)	In-house-method (GC)	102,-
BW002	Total-hydrocarbons	DGF M-V-6	86,-
BW015	Sensory evaluation / testing	Ph. Eur. 9.0/0070	22,-
BW003	Dropping point	Ph. Eur. 9.0/2.02.17.00	33,-
BW010	Melting point	Ph. Eur. 9.0/2.02.15.00	33,-
BW004	Acid value	Ph. Eur. 9.0/0070	38,-
BW005	Ester value (combined with acid value)	Ph. Eur. 9.0/2.05.02.00	38,-
BW006	Saponification value	Ph. Eur. 9.0/0070	76,-
BW007	Ratio number	Ph. Eur. 6.0	76,- (incl.BW004/5)
BW008	Ceresin, paraffine and other waxes	Ph. Eur. 9.0/0070	69,-
BW009	Glycerol and other polyols	Ph. Eur. 9.0/0070	97,-
BW012	Water content	DGF M-V-2	85,-
BW013	Insoluble components	DGF M-V-3	86,-
BW011	Congeeing point	DGF M-III-4a	17,-
BW015	Density	DGF M-III-2a / EFSA E901	62,-
BW014	Solubility	EFSA (E901)	38,-
BW016	Peroxide value	EFSA (E901)	51,-
BW017	Fat, Japan wax, resins and soaps	EFSA (E901)	75,-
BW018	Fat, fatty acids, resin, soaps	USP	75,-
BW019	Bleachability	In-house-method	60,-
BW020	Burning behavior (beeswax candles)	RAL	50,-

Analysis-No.	Packages	Price (€) per Sample
BW100	Ph. Eur. Beeswax Sensory evaluation / testing, Dropping point, Acid- / Ester- / Saponification value, Ceresin, Paraffin and other waxes, Glycerol and other polyols	
BW101	E901 Beeswax Melting point, Density, Solubility, Acid- / Ester- / Saponification value, Ceresin, Ceresin, Paraffin and other waxes, Glycerol and other polyols, Fat, fatty acids, resin, soaps, Heavy Metals (Arsen, Lead, Mercury)	

Carnaubawachs

Analysis-No.	Specification	Method	Price (€) per Sample
CAR01	Wax adulterations (Paraffin, Stearin etc.; qualitative)	In-house-method (GC)	102,-
CAR02	Total hydrocarbons	DGF M-V-6	86,-
CAR14	Solubility	Ph. Eur. 9.0/0597	38,-
CAR15	Density	DGF M-III-2a / EFSA E903	62,-
CAR10	Melting point	Ph. Eur. 9.0/2.02.15.00	33,-
CAR04	Acid value	Ph. Eur. 9.0/0597	38,-
CAR05	Ester value (combined with acid value)	Ph. Eur. 9.0/0597	38,-
CAR06	Saponification value	Ph. Eur. 9.0/0597	76,-
CAR07	Ratio number	Ph. Eur. 6.0	76,- (incl. CAR 004/5)
CAR21	Ash	Ph. Eur. 9.0/2.04.16.00	63,-
CAR22	Sulfate ash	Ph. Eur. 9.0/2.04.14.00 / EFSA E903	75,-
CAR16	Peroxide value	DGF C-VI-6a	51,-
CAR23	unsaponifiable matter	DGF M-V-5 / EFSA E903 (mod.)	116,-

Candelilla, sunflower wax, Japan wax and other waxes

We do analysis of all common waxes based on all national and international analysis methods.

Heavy metals

Analysis-No.	Specification	Method	Price (€) per Sample
HM01	Aqua Regia digestion	DIN EN 13657	19,-
HM02	Digestion (food standard: detection limit 0,02 mg/kg)	DIN EN ISO 15587-2	25,-
HM03	Heavy metals	DIN EN 16171	24,- / element

Residues of pesticides, varroacides, neonicotinoids and antibiotics

Analysis-No.	Specification	Method	Price (€) per Sample
VP01	Pesticides and varroacides (list of analyzed substances and limit of detection based on the actual Ph. Eur.)		235,-
VP02	Thymol, para-Dichlorbenzol, Flumethrine (for other substances please contact us)		110,- per substance
	Package: Pesticides and varroacides plus further substances		Please contact us
AB01	Chloramphicole		130,-
AB02	Amphenicole (Chlor-, Thiamphenicoel, Florfenicole)		150,-
AB03	Nitroflurane		220,-
AB04	Tetracycline		130,-
AB05	Sulfonamide u. Trimethroprin		130,-
AB06	Streptomycin		130,-
AB07	Makrolide (Tylosin A, Summe Erythromicin-A, Lincomycin)		105,-
AB08	Fluorochinolone (Ciprofloxacin, Enrofloxacin, Norfloxacin, Ofloxacin)		105,-