

INDEPENDENT LABORATORY TEST

Liquid honey



Svensk Landskapshonung
Svensk honung flytande



Änglamark Ekologisk akaciahonung



Gårdshonung Akaciahonung



Lidl/ Maribel Blossom honey



Coop Honung



Garant Ekologisk honung



Lune de Miel Blomsterhonung



Eldorado Flytande Honung



ICA I love ECO Ekologisk Honung






ICA Honung



Svensk Honungsförädling Blomsterhonung



ICA Basic Flytande honung

Content	g	250	350	350	500	350	350	500	350	350	350	1 000	500
Approximative price per packg	Euro	4,90	5,00	5,40	3,80	4,20	5,00	5,60	3,10	5,00	4,10	8,90	3,80
Approximate price per kg	Euro	19,60	14,30	15,40	7,60	1,19	14,30	11,20	8,90	14,30	11,60	8,90	7,60
Declared origin		Sweden	Mix of EU-honey	Mix of EU-honey	Mix of EU and non-EU honey	Mexico, Ukraine and Argentina	Brazil, Mexico and Romania	Mix of non-EU honey	China, Argentina and Mexico	Mix of non-EU honey	Non-EU honey	Cuba	Spain, Cuba, Ukraine, Turkey, India, Mexico and Argentina
Environmental labelling			 							 			

RESULTS FROM THE DNA ANALYSIS

Number of identified plant species		377	232	225	367	316	354	232	456	283	365	148	180
Proportion of identified DNA traces													
from plants		28%	33%	15%	15%	27%	2%	10%	18%	3%	2%	2%	9%
from fungi (yeast)		4%	1%	0%	9%	9%	15%	21%	58%	45%	28%	17%	27%
from other (animal, bacteria and virus)		68%	66%	85%	75%	64%	83%	69%	25%	52%	70%	82%	64%
Largest group of plant species		64% Brassica	50% Brassica	34% Brassica	31% Lotus,	35% Astrales	23% Astrales	34% Astrales	59% Brassica	22% Fabales	46% Brassica	41% Ribes	46% Brassica
Second largest		8% Fabales	21% Salix	27% Salix	7% Trifolium	27% Brassica	17% Brassica	11% Ribes	4% Astrales	7% Ribes spicatum	7% Astrales	10% Fabales	6% Astrales
Third largest		4% Rosales	6% Rosales	6% Ribes	2% Glycine max	10% Fabales	9% Papaver	7% Fabales	3% Rosales	3% Coffea	6% Rosales	5% Brassica	4% Ribes spicatum

OVERALL RATING (10 = MOST LIKELY GENUINE / MOST GENTLY PROCESSED)		8,9	8,7	8,5	8,4	7,6	5,9	5,8	5,6	5,6	4,1	4,1	3,5
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Comment		The DNA traces from plants, bacteria, pathogens and animals, as well as the balance between them, are consistent with what is expected in genuine, gently processed honey.	The DNA traces from plants, bacteria, pathogens and animals, as well as their relative balance, are consistent with what is expected in genuine, gently processed honey.	The DNA profile is consistent with what is expected in genuine, gently processed honey.	The DNA profile is consistent with what is expected of genuine, gently processed honey.	The DNA profile is largely consistent with what is expected of genuine honey, but one laboratory has identified traces of plant DNA typical of syrup.	The DNA profile shows a low proportion of plant DNA relative to fungi, animals and bacteria, which is less consistent with genuine, gently processed honey.	The DNA profile shows a relatively low proportion of plant DNA. Animal and yeast DNA dominate, while the level of lactic acid bacteria is unusually low, making it less consistent with genuine, gently processed honey.	The DNA profile shows high plant diversity, but the majority of the DNA traces originate from yeast.	The DNA profile is dominated by yeast DNA and shows low animal species diversity—a pattern that is unlikely for genuine, gently processed honey.	The DNA profile shows high plant diversity, but the proportion of plant DNA is very low. It consists almost exclusively of bee DNA from the animal kingdom—a pattern that is unlikely for genuine, gently processed honey.	The DNA profile shows low plant diversity, and the proportion of plant DNA is very low, which is unlikely for genuine, gently processed honey.	The DNA profile shows a low proportion of plant DNA and limited animal species diversity—a pattern that is unlikely for genuine, gently processed honey.
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