

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Honeysuckle Blend
INCI Name: Lonicera Caprifolium (honeysuckle) flower extract, Lonicera Japonica (honeysuckle) flower extract
CAS Number: 84603-62-3, 223749-79-9, 7732-18-5
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 24 months from production date

Specification	Range	Results
Physical Form (Visual - Organoleptic)	Liquid	Conforms
Color (Visual - Organoleptic)	Clear colorless yellowish tint to yellow clear ale	Conforms
Odor (Olfactory - Organoleptic)	Faint characteristic	Conforms
Specific Gravity (@ 20 °C) (USP XXXIX / Paar, DMA35)	1.1200 - 1.3200	1.2577
Refractive Index (@ 20 °C) (± 0.1 to 0.2) (USP XXXIX / Misco Digital Refractometer)	1.3000 - 1.4500	1.4200
pH (@ 20 °C) (100% Concentrate) (USP XXXIX / DGF H III (92))	9.00 - 12.00	10.04
Extraction Solvent (<i>Carbon Dioxide Gas</i>)	3,000cc @ 200-500 bar	Conforms
Carrier Menstrual (Vehicle) (<i>Water</i>)	30.0 - 57.0%	48.80%
Water Solubility	Clearly hazy soluble	Soluble
Dry Residue (160 °C / 2hrs) (Mettler 16J)	<3.0 - <7.0%	<5.0%
Heavy Metals (Total) As, Pb, Hg (USP XXXIX / Ph.Eur.2.6.12(97))	<0.005 ppm	Conforms

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.

Preservation	None	Conforms
Pesticide Content (Pflanzaniaschuttal 1989)	None	Conforms
Total Germs (3M Petrifilm Aerobic Count Plate - AOAC 990.12) (USP XXXIX / Ph.Eur.2.6.12(97))	<NIL CFU/mL; non-pathogenic (nil gram negative)	Conforms
Total Yeast/Molds (3M Petrifilm Rapid Yeast & Mold Count Plate - AOAC 2014.05. 3M Petrifilm Yeast & Mold Count Plate - AOAC 997.02.ATCC-USP-(3M Petrifilm-Rapid-3M Petrifilm) AOAC RI 071202-AOAC 997.02-AOAC 990.12) (USP XXXIX / Ph.Eur.2.6.12(97))	<NIL CFU/mL; non-pathogenic (nil gram negative)	Conforms

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.”

This report is not to be signed. All data are as per our supplier.

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