

Essential Validation Services





## Sample:

Client: | Nature's Fusions

Sample: | Birch, Sweet (Betula lenta)

Batch # | 13024

CAS Number | <u>68917-50-0</u>

Type: | Essential Oil

## **Conclusion:**

No adulterants, diluents, or contaminants were detected via this method.





Validated By:

## Essential Validation Services 747 SW 2nd Ave, Gainesville, FL 32601

Phone: 317-361-5044 E-mail: Adam@essentialvalidationservices.com

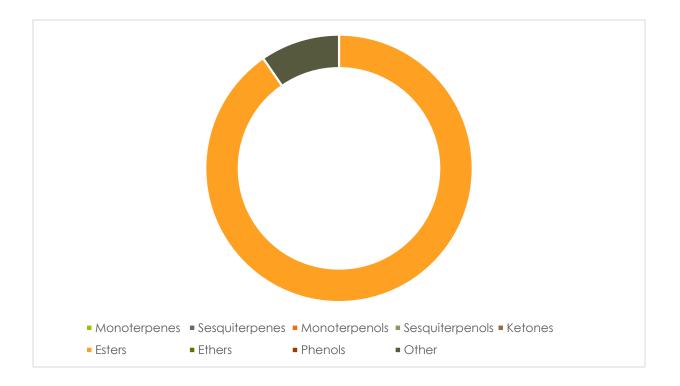
## **Summary of Analyses**

A fresh sample of Birch, Sweet (Betula lenta) Essential Oil (10 uL in .5to.5 mL Hexane + ETOH) was prepared and analyzed via split injection GC/EI-MS.

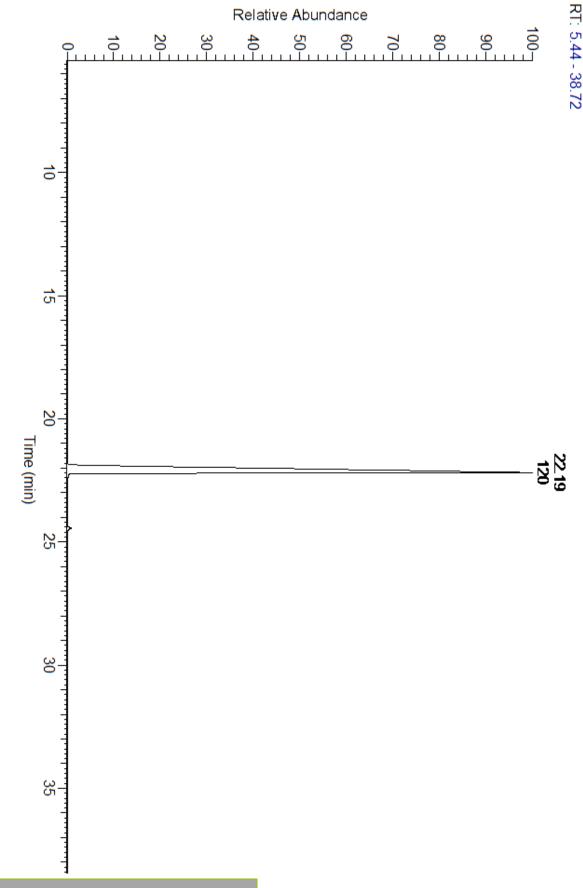


Main Compounds	Percentages
Methyl Salicylate	99.44%
Ethyl salicylate	0.44%

Monoterpenes	Sesquiterpenes	Monoterpenols	Sesquiterpenols	Ketones
0.02%	0.00%	0.00%	0.00%	0.00%
Esters	Ethers	Aldehydes	Phenols	Other
99.88%	0.00%	0.00%	0.00%	0.11%



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Total Percentage	99.90%				
Peak Number	RT	Area %	Compound Name	RI	Chemical Family
1	12.18	0.01%	Alpha-Pinene	936.10	Monoterpene
2	13.74	0.01%	Sabinene	973.00	Monoterpene
3	15.89	0.01%	Limonene	1029.50	Monoterpene
4	22.19	99.44%	Methyl Salicylate	1192.29	Phenolic Ester
5	24.44	0.44%	Ethyl salicylate	1278.00	Phenolic Ester

- Chromatograph image may not show full run time

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