



CERTIFICATE OF ANALYSIS

SILLIKER, Inc.
Illinois Laboratory

3600 Eagle Nest Drive, North Building, Crete, IL 60417
 Tel. 877-777-6375 Fax. 312-729-1320

COA No:	CHG-41955363-0
Supersedes:	CHG-41751971-0
COA Date	1/11/19
Page 1 of 2	

TO:

Mr. Zane Christopher
 Lost Empire Herbs
 195 Aviation Way
 Watsonville, CA 95076

Received From:	Watsonville, CA
Received Date:	10/17/18

Location of Test: (except where noted)	Crete, IL
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Analytical Results

Desc. 1: PP070918 **Laboratory ID:** 381876857
Desc. 2: Pine Pollen **Condition Rec'd:** NORMAL
Temp Rec'd (°C): 19

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Amino Acids Complete			USDA MSS2 (1993)	1/11/19	
Aspartic Acid	0.95	% (w/w)			
Threonine	0.40	% (w/w)			
Serine	0.46	% (w/w)			
Glutamic Acid	1.10	% (w/w)			
Glycine	0.44	% (w/w)			
Alanine	0.52	% (w/w)			
Valine	0.42	% (w/w)			
Methionine	0.14	% (w/w)			
Isoleucine	0.37	% (w/w)			
Leucine	0.67	% (w/w)			
Tyrosine	0.30	% (w/w)			
Phenylalanine	0.39	% (w/w)			
Histidine	0.24	% (w/w)			
Lysine	0.70	% (w/w)			
Arginine	0.72	% (w/w)			
Proline	0.68	% (w/w)			
Hydroxyproline	<0.01	% (w/w)			
Cysteine	0.17	% (w/w)			
Tryptophan	0.09	% (w/w)			
Aspartic Acid per 1.2 g serving	0.0114	g/serving			
Threonine per 1.2 g serving	0.0048	g/serving			
Serine per 1.2 g serving	0.0055	g/serving			
Glutamic Acid per 1.2 g serving	0.0132	g/serving			
Glycine per 1.2g serving	0.0053	g/serving			
Alanine per 1.2g serving	0.0062	g/serving			
Valine per 1.2g serving	0.0050	g/serving			
Methionine per 1.2g serving	0.0017	g/serving			
Isoleucine per 1.2g serving	0.0044	g/serving			
Leucine per 1.2g serving	0.0080	g/serving			
Tyrosine per 1.2g serving	0.0036	g/serving			
Phenylalanine per 1.2g serving	0.0047	g/serving			
Histidine per 1.2g serving	0.0029	g/serving			

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Table with COA No, Supersedes, COA Date, and Page 2 of 2

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Table with Received From and Received Date

Table with Location of Test

Analytical Results

Desc. 1: PP070918 Laboratory ID: 381876857
Desc. 2: Pine Pollen Condition Rec'd: NORMAL
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Table with columns: Analyte, Result, Units, Method Reference, Test Date, Loc.

Handwritten signature of Jeff Wilson, Division Vice President

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