





Analytical Resource Laboratories

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## Certificate of Analysis

### Client Information

Christopher's Organic Botanicals □□  
PO Box 281  
Deepwater, NJ  
08023 USA

### Sample Information

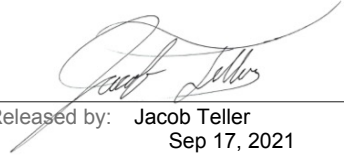
ARL ID: 436564  
Date Received: 9/8/2021  
Description: Green Maeng Da  
Lot#: 151411  
Expiration Date: 10/23  
Serving Size: 2 g

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
Mitragynine	HPLC 2.046	0.1	Record Only	1.2	%	1
7-Hydroxy-Mitragynine	HPLC 2.046	0.04	Record Only	<0.04	%	1
Speciogynine	HPLC 2.046	0.1	Record Only	0.2	%	1
Paynantheine	HPLC 2.046	0.1	Record Only	0.3	%	1

Form# arlcoa031201a

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Released by:  Jacob Teller

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†**Method Detection Limit (MDL)**: In microbiological testing, this is the minimum level of growth that can be detected with confidence. If a result is reported as "None detected", it means any visible growth was below this limit. **Limit of Quantitation (LOQ)**: In analytical chemistry testing, this is the minimum level of the desired analyte that can be quantified with confidence. If a result is reported as less than LOQ, it means any detected amount was too small to report an exact number.

\* **ARL is an ISO/IEC 17025:2017 Accredited Laboratory. Uncertainty data for ISO-scoped methods is available upon request. Certificate and scope are also available upon request.**

This Certificate of Analysis represents data only for the sample provided and does not constitute a guarantee of quality for the entire production lot.