



# Advanced Botanical Consulting & Testing, Inc.

1169 Warner Ave., Tustin, CA 92780, Phone: (714) 259-0384 Fax: (714) 259-0385

**Quantum Botanicals**  
12307 Abney Dr. Unit B  
Austin, TX 78729

Tel: (512) 704/3680  
Fax:

ATTN: Jeremy Steding  
PO#:

Client Sample ID: Green Maeng Da  
Item#:  
Lot#: 111113  
Lab #: 237151

Received Date: 07/23/2018

Report Date: 07/27/2018

## Analyses

## Results

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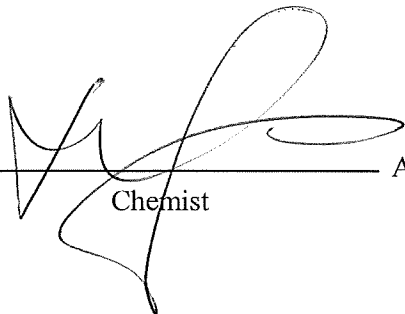
Mitragynine (HPLC)

1.67 %

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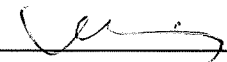
Method Number: SOP: 3. 1. 146

Analyzed by:



Chemist

Approved by:



Wendi Wang, PhD, President



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Client Sample ID: Red Maeng Da  
Item#:  
Lot#: 111114  
Lab #: 237152

Received Date: 07/23/2018

Report Date: 07/27/2018

## Analyses

## Results

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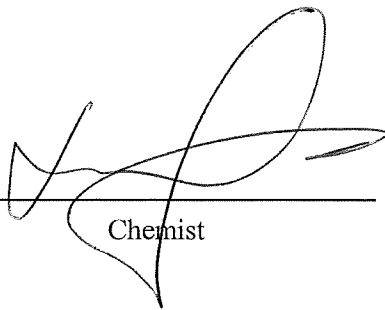
Mitragynine (HPLC)

1.09 %

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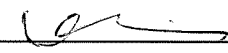
Method Number: SOP: 3. 1. 146

Analyzed by: \_\_\_\_\_



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Approved by: \_\_\_\_\_



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Tel.: (512) 704-3680

ATTN: Jeremy Steding  
P. O. Number: N/A

Client Sample ID: Green Malay  
Lot#: 11111 2  
Lab#: 237150

Received Date: 07/23/2018

Report Date: 07/30/2018

Analyses	Results
Total Plate Count	35,500 CFU/g
Yeast	23,000 CFU/g
Mold	2,500 CFU/g
<i>Enterobacteriaceae</i>	11 MPN/g
<i>Escherichia coli</i>	Negative/10g
<i>Salmonella spp.</i>	Negative/10g
<i>Staphylococcus aureus</i>	Negative/10g
<i>Clostridium spp.</i>	Negative/10g

Method: USP <2021; 2022>

Analyzed by: Wypham  
Microbiologist

Approved by: Vivian Truong  
Vivian Truong, Supervisor



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Tel.: (512) 704-3680

ATTN: Jeremy Steding  
P. O. Number: N/A

Client Sample ID: Green Maeng Da  
Lot#: 11111 3  
Lab#: 237151

Received Date: 07/23/2018

Report Date: 07/30/2018

Analyses	Results
Total Plate Count	3,425 CFU/g
Yeast	32,000 CFU/g
Mold	2,500 CFU/g
<i>Enterobacteriaceae</i>	11 MPN/g
<i>Escherichia coli</i>	Negative/10g
<i>Salmonella spp.</i>	Negative/10g
<i>Staphylococcus aureus</i>	Negative/10g
<i>Clostridium spp.</i>	Negative/10g

Method: USP <2021; 2022>

Analyzed by: Wypham  
Microbiologist

Approved by: Vivian  
Vivian Truong, Supervisor



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Tel.: (512) 704-3680

ATTN: Jeremy Steding  
P. O. Number: N/A

Client Sample ID: Red Maeng Da  
Lot#: 11111 4  
Lab#: 237152

Received Date: 07/23/2018

Report Date: 07/30/2018

Analyses	Results
Total Plate Count	225,000 CFU/g
Yeast	29,500 CFU/g
Mold	17,000 CFU/g
<i>Enterobacteriaceae</i>	11 MPN/g
<i>Escherichia coli</i>	Negative/10g
<i>Salmonella spp.</i>	Negative/10g
<i>Staphylococcus aureus</i>	Negative/10g
<i>Clostridium spp.</i>	Negative/10g

Method: USP <2021; 2022>

Analyzed by: Wyphan  
Microbiologist

Approved by: Vivian  
Vivian Truong, Supervisor



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Tel.: (512) 704-3680

ATTN: Jeremy Steding  
P. O. Number: N/A

Client Sample ID: White Maeng Da  
Lot#: 11111 5  
Lab#: 237153

Received Date: 07/23/2018

Report Date: 07/30/2018

Analyses	Results
Total Plate Count	14,500 CFU/g
Yeast	< 10 CFU/g
Mold	1,200 CFU/g
<i>Enterobacteriaceae</i>	11 MPN/g
<i>Escherichia coli</i>	Negative/10g
<i>Salmonella spp.</i>	Negative/10g
<i>Staphylococcus aureus</i>	Negative/10g
<i>Clostridium spp.</i>	Negative/10g

Method: USP <2021; 2022>

Analyzed by: Wyphan  
Microbiologist

Approved by: Vivian  
Vivian Truong, Supervisor



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Tel.: (512) 704-3680

ATTN: Jeremy Steding  
P. O. Number: N/A

Client Sample ID: Gold Maeng Da  
Lot#: 11111 6  
Lab#: 237154

Received Date: 07/23/2018

Report Date: 07/30/2018

Analyses	Results
Total Plate Count	69,000 CFU/g
Yeast	22,000 CFU/g
Mold	7,000 CFU/g
<i>Enterobacteriaceae</i>	11 MPN/g
<i>Escherichia coli</i>	Negative/10g
<i>Salmonella spp.</i>	Negative/10g
<i>Staphylococcus aureus</i>	Negative/10g
<i>Clostridium spp.</i>	Negative/10g

Method: USP <2021; 2022>

Analyzed by: Wyphan  
Microbiologist

Approved by: Vivian Truong  
Vivian Truong, Supervisor



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Tel.: (512) 704-3680

ATTN: Jeremy Steding  
P. O. Number: N/A

Client Sample ID: White Indo  
Lot#: 11111 7  
Lab#: 237155

Received Date: 07/23/2018

Report Date: 07/30/2018

<b>Analyses</b>	<b>Results</b>
<b>Total Plate Count</b>	<b>136,000 CFU/g</b>
<b>Yeast</b>	<b>66,500 CFU/g</b>
<b>Mold</b>	<b>5,000 CFU/g</b>
<b><i>Enterobacteriaceae</i></b>	<b>11 MPN/g</b>
<b><i>Escherichia coli</i></b>	<b>Negative/10g</b>
<b><i>Salmonella spp.</i></b>	<b>Negative/10g</b>
<b><i>Staphylococcus aureus</i></b>	<b>Negative/10g</b>
<b><i>Clostridium spp.</i></b>	<b>Negative/10g</b>

Method: USP <2021; 2022>

Analyzed by: My pham Microbiologist  
Approved by: Vivian Vivian Truong, Supervisor





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ATTN: Jeremy Steding  
P. O. Number: N/A

Client Sample ID: White Elephant  
Lot#: 11111 8  
Lab#: 237156

Received Date: 07/23/2018

Report Date: 07/30/2018

Analyses	Results
Total Plate Count	34,000 CFU/g
Yeast	< 10 CFU/g
Mold	25,000 CFU/g
<i>Enterobacteriaceae</i>	< 3 MPN/g
<i>Escherichia coli</i>	Negative/10g
<i>Salmonella spp.</i>	Negative/10g
<i>Staphylococcus aureus</i>	Negative/10g
<i>Clostridium spp.</i>	Negative/10g

Method: USP <2021; 2022>

Analyzed by: Wyphan  
Microbiologist

Approved by: Vivian  
Vivian Truong, Supervisor