



*Blue California*<sup>®</sup>

30111 Tomas  
 Rancho Santa Margarita, CA 92688  
 Tel: 949.635.1990  
 Fax: 949.635.1988

**CERTIFICATE OF ANALYSIS**

**Product: BESTEVIA-M**

**Item#: BE17073M1**

|                               |                         |                                 |                            |
|-------------------------------|-------------------------|---------------------------------|----------------------------|
| <b>Lot No:</b>                | <b>20151115-C3</b>      | <b>Original Manufacturer:</b>   | <b>Blue California Co.</b> |
| <b>Date of Manufacturing:</b> | <b>November 12-2015</b> | <b>Expiration/Re-test date:</b> | <b>November 12-2017</b>    |
| <b>QC acceptance date:</b>    | <b>November 20-2015</b> | <b>Country of Origin:</b>       | <b>China</b>               |

**This product has NOT been treated by irradiation or ETO**

| ATTRIBUTES            | SPECIFICATION                | METHODS     | RESULTS        |
|-----------------------|------------------------------|-------------|----------------|
| APPEARANCE            | WHITE POWDER                 | VISUAL      | PASS           |
| FOREIGN MATTER        | ABSENT                       | VISUAL      | PASS           |
| ODOR                  | CHARACTERISTIC               | OLFACTORY   | PASS           |
| TASTE                 | CHARACTERISTIC               | GUSTATORY   | PASS           |
| <b>REBAUDIOSIDE M</b> | <b>≥ 95%</b>                 | <b>HPLC</b> | <b>98.7%</b>   |
| LOSS ON DRYING        | ≤ 8%                         | USP 34      | 6.86%          |
| HEAVY METALS          | < 10 ppm                     | USP 34      | PASS           |
| ARSENIC               | < 0.5 ppm                    | ICP-MS      | 0.010 ppm      |
| CADMIUM               | < 0.5 ppm                    | ICP-MS      | 0.012 ppm      |
| LEAD                  | < 0.5 ppm                    | ICP-MS      | 0.156 ppm      |
| MERCURY               | < 0.5 ppm                    | ICP-MS      | 0.007 ppm      |
| ETHANOL               | < 1,000 ppm                  | USP 34      | < 200 ppm      |
| METHANOL              | < 200 ppm                    | USP 34      | < 100 ppm      |
| SOLUBILITY            | IN WATER                     | USP 34      | PASS           |
| BULK DENSITY          | ≥ 0.15 g/ml                  | USP 34      | 0.25 g/ml      |
| TAP DENSITY           | ≥ 0.30 g/ml                  | USP 34      | 0.47 g/ml      |
| PARTICLE SIZE:        | > 95% through Mesh #80 Sieve | USP 34      | PASS           |
| TOTAL PLATE COUNT     | < 3,000 cfu/gm               | AOAC        | < 1,000 cfu/gm |
| TOTAL COLIFORM        | < 100 cfu/gm                 | AOAC        | < 3 cfu/gm     |
| YEAST AND MOLDS       | < 100 cfu/gm                 | AOAC        | < 50 cfu/gm    |
| E. COLI:              | NEGATIVE                     | AOAC        | N/D            |
| SALMONELLA            | NEGATIVE                     | AOAC        | N/D            |
| SHELF LIFE            | 2 YEARS                      | HPLC        | PASS           |

*Approved by:*

*Revision date: 03-21-2016*

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**CERTIFICATE OF ANALYSIS**

**Product: BESTEVIA-M**

**Item#: BE17073M1**

|  |                         |                                 |                            |
|--|-------------------------|---------------------------------|----------------------------|
| <b>Lot No:</b>   | <b>20151123-D4</b>      | <b>Original Manufacturer:</b>   | <b>Blue California Co.</b> |
| <b>Date of Manufacturing:</b>                                  | <b>November 20-2015</b> | <b>Expiration/Re-test date:</b> | <b>November 20-2017</b>    |
| <b>QC acceptance date:</b>                                     | <b>December 02-2015</b> | <b>Country of Origin:</b>       | <b>China</b>               |
| <b>This product has NOT been treated by irradiation or ETO</b> |                         |                                 |                            |

| ATTRIBUTES            | SPECIFICATION                | METHODS     | RESULTS        |
|-----------------------|------------------------------|-------------|----------------|
| APPEARANCE            | WHITE POWDER                 | VISUAL      | PASS           |
| FOREIGN MATTER        | ABSENT                       | VISUAL      | PASS           |
| ODOR                  | CHARACTERISTIC               | OLFACTORY   | PASS           |
| TASTE                 | CHARACTERISTIC               | GUSTATORY   | PASS           |
| <b>REBAUDIOSIDE M</b> | <b>≥ 95%</b>                 | <b>HPLC</b> | <b>98.8%</b>   |
| LOSS ON DRYING        | ≤ 8%                         | USP 34      | 5.22%          |
| HEAVY METALS          | < 10 ppm                     | USP 34      | PASS           |
| ARSENIC               | < 0.5 ppm                    | ICP-MS      | 0.013 ppm      |
| CADMIUM               | < 0.5 ppm                    | ICP-MS      | 0.012 ppm      |
| LEAD                  | < 0.5 ppm                    | ICP-MS      | 0.196 ppm      |
| MERCURY               | < 0.5 ppm                    | ICP-MS      | 0.006 ppm      |
| ETHANOL               | < 1,000 ppm                  | USP 34      | < 200 ppm      |
| METHANOL              | < 200 ppm                    | USP 34      | < 100 ppm      |
| SOLUBILITY            | IN WATER                     | USP-34      | PASS           |
| BULK DENSITY          | ≥ 0.15 g/ml                  | USP 34      | 0.25 g/ml      |
| TAP DENSITY           | ≥ 0.30 g/ml                  | USP 34      | 0.44 g/ml      |
| PARTICLE SIZE:        | > 95% through Mesh #80 Sieve | USP 34      | PASS           |
| TOTAL PLATE COUNT     | < 3,000 cfu/gm               | AOAC        | < 1,000 cfu/gm |
| TOTAL COLIFORM        | < 100 cfu/gm                 | AOAC        | < 3 cfu/gm     |
| YEAST AND MOLDS       | < 100 cfu/gm                 | AOAC        | < 50 cfu/gm    |
| E. COLI:              | NEGATIVE                     | AOAC        | N/D            |
| SALMONELLA            | NEGATIVE                     | AOAC        | N/D            |
| SHELF LIFE            | 2 YEARS                      | HPLC        | PASS           |

*Approved by:*

*Revision date: 03-21-2016*

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**CERTIFICATE OF ANALYSIS**

**Product: BESTEVIA-M**

**Item#: BE17073M1**

|                               |                         |                                 |                            |
|-------------------------------|-------------------------|---------------------------------|----------------------------|
| <b>Lot No:</b>                | <b>M195-151127</b>      | <b>Original Manufacturer:</b>   | <b>Blue California Co.</b> |
| <b>Date of Manufacturing:</b> | <b>November 27-2015</b> | <b>Expiration/Re-test date:</b> | <b>November 27-2017</b>    |
| <b>QC acceptance date:</b>    | <b>December 02-2015</b> | <b>Country of Origin:</b>       | <b>China</b>               |

**This product has NOT been treated by irradiation or ETO**

| ATTRIBUTES            | SPECIFICATION                | METHODS     | RESULTS        |
|-----------------------|------------------------------|-------------|----------------|
| APPEARANCE            | WHITE POWDER                 | VISUAL      | PASS           |
| FOREIGN MATTER        | ABSENT                       | VISUAL      | PASS           |
| ODOR                  | CHARACTERISTIC               | OLFACTORY   | PASS           |
| TASTE                 | CHARACTERISTIC               | GUSTATORY   | PASS           |
| <b>REBAUDIOSIDE M</b> | <b>≥ 95%</b>                 | <b>HPLC</b> | <b>97.9%</b>   |
| LOSS ON DRYING        | ≤ 8%                         | USP 34      | 5.50%          |
| HEAVY METALS          | < 10 ppm                     | USP 34      | PASS           |
| ARSENIC               | < 0.5 ppm                    | ICP-MS      | 0.015 ppm      |
| CADMIUM               | < 0.5 ppm                    | ICP-MS      | 0.015 ppm      |
| LEAD                  | < 0.5 ppm                    | ICP-MS      | 0.194 ppm      |
| MERCURY               | < 0.5 ppm                    | ICP-MS      | 0.005 ppm      |
| ETHANOL               | < 1,000 ppm                  | USP 34      | < 200 ppm      |
| METHANOL              | < 200 ppm                    | USP 34      | < 100 ppm      |
| SOLUBILITY            | IN WATER                     | USP 34      | PASS           |
| BULK DENSITY          | ≥ 0.15 g/ml                  | USP 34      | 0.26 g/ml      |
| TAP DENSITY           | ≥ 0.30 g/ml                  | USP 34      | 0.48 g/ml      |
| PARTICLE SIZE:        | > 95% through Mesh #80 Sieve | USP 34      | PASS           |
| TOTAL PLATE COUNT     | < 3,000 cfu/gm               | AOAC        | < 1,000 cfu/gm |
| TOTAL COLIFORM        | < 100 cfu/gm                 | AOAC        | < 3 cfu/gm     |
| YEAST AND MOLDS       | < 100 cfu/gm                 | AOAC        | < 50 cfu/gm    |
| E. COLI:              | NEGATIVE                     | AOAC        | N/D            |
| SALMONELLA            | NEGATIVE                     | AOAC        | N/D            |
| SHELF LIFE            | 2 YEARS                      | HPLC        | PASS           |

*Approved by:*

*Revision Date: 03-21-2016*

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## CERTIFICATE OF ANALYSIS

**Product: BESTEVIA-M**

**Item#: BE17073M1**

|                               |                  |                                 |                     |
|-------------------------------|------------------|---------------------------------|---------------------|
| <b>Lot No:</b>                | M195-151128      | <b>Original Manufacturer:</b>   | Blue California Co. |
| <b>Date of Manufacturing:</b> | November 28-2015 | <b>Expiration/Re-test date:</b> | November 28-2017    |
| <b>QC acceptance date:</b>    | December 02-2015 | <b>Country of Origin:</b>       | China               |

**This product has NOT been treated by irradiation or ETO**

| ATTRIBUTES            | SPECIFICATION                | METHODS     | RESULTS        |
|-----------------------|------------------------------|-------------|----------------|
| APPEARANCE            | WHITE POWDER                 | VISUAL      | PASS           |
| FOREIGN MATTER        | ABSENT                       | VISUAL      | PASS           |
| ODOR                  | CHARACTERISTIC               | OLFACTORY   | PASS           |
| TASTE                 | CHARACTERISTIC               | GUSTATORY   | PASS           |
| <b>REBAUDIOSIDE M</b> | <b>≥ 95%</b>                 | <b>HPLC</b> | <b>98.5%</b>   |
| LOSS ON DRYING        | ≤ 8%                         | USP 34      | 6.35%          |
| HEAVY METALS          | < 10 ppm                     | USP 34      | PASS           |
| ARSENIC               | < 0.5 ppm                    | ICP-MS      | 0.011 ppm      |
| CADMIUM               | < 0.5 ppm                    | ICP-MS      | 0.013 ppm      |
| LEAD                  | < 0.5 ppm                    | ICP-MS      | 0.156 ppm      |
| MERCURY               | < 0.5 ppm                    | ICP-MS      | 0.005 ppm      |
| ETHANOL               | < 1,000 ppm                  | USP 34      | < 200 ppm      |
| METHANOL              | < 200 ppm                    | USP 34      | < 100 ppm      |
| SOLUBILITY            | IN WATER                     | USP 34      | PASS           |
| BULK DENSITY          | ≥ 0.15 g/ml                  | USP 34      | 0.27 g/ml      |
| TAP DENSITY           | ≥ 0.30 g/ml                  | USP 34      | 0.48 g/ml      |
| PARTICLE SIZE:        | > 95% through Mesh #80 Sieve | USP 34      | PASS           |
| TOTAL PLATE COUNT     | < 3,000 cfu/gm               | AOAC        | < 1,000 cfu/gm |
| TOTAL COLIFORM        | < 100 cfu/gm                 | AOAC        | < 3 cfu/gm     |
| YEAST AND MOLDS       | < 100 cfu/gm                 | AOAC        | < 50 cfu/gm    |
| E. COLI:              | NEGATIVE                     | AOAC        | N/D            |
| SALMONELLA            | NEGATIVE                     | AOAC        | N/D            |
| SHELF LIFE            | 2 YEARS                      | HPLC        | PASS           |

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*Revision date: 03-21-2016*

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**CERTIFICATE OF ANALYSIS**

**Product: BESTEVIA-M**

**Item#: BE17073M1**

|                               |                         |                                 |                            |
|-------------------------------|-------------------------|---------------------------------|----------------------------|
| <b>Lot No:</b>                | <b>M195-151165</b>      | <b>Original Manufacturer:</b>   | <b>Blue California Co.</b> |
| <b>Date of Manufacturing:</b> | <b>November 28-2015</b> | <b>Expiration/Re-test date:</b> | <b>November 28-2017</b>    |
| <b>QC acceptance date:</b>    | <b>December 02-2015</b> | <b>Country of Origin:</b>       | <b>China</b>               |

**This product has NOT been treated by irradiation or ETO**

| ATTRIBUTES            | SPECIFICATION                | METHODS     | RESULTS        |
|-----------------------|------------------------------|-------------|----------------|
| APPEARANCE            | WHITE POWDER                 | VISUAL      | PASS           |
| FOREIGN MATTER        | ABSENT                       | VISUAL      | PASS           |
| ODOR                  | CHARACTERISTIC               | OLFACTORY   | PASS           |
| TASTE                 | CHARACTERISTIC               | GUSTATORY   | PASS           |
| <b>REBAUDIOSIDE M</b> | <b>≥ 95%</b>                 | <b>HPLC</b> | <b>97.8%</b>   |
| LOSS ON DRYING        | ≤ 8%                         | USP 34      | 5%             |
| HEAVY METALS          | < 10 ppm                     | USP 34      | PASS           |
| ARSENIC               | < 0.5 ppm                    | ICP-MS      | 0.012 ppm      |
| CADMIUM               | < 0.5 ppm                    | ICP-MS      | 0.012 ppm      |
| LEAD                  | < 0.5 ppm                    | ICP-MS      | 0.144 ppm      |
| MERCURY               | < 0.5 ppm                    | ICP-MS      | 0.008 ppm      |
| ETHANOL               | < 1,000 ppm                  | USP 34      | < 200 ppm      |
| METHANOL              | < 200 ppm                    | USP 34      | < 100 ppm      |
| SOLUBILITY            | IN WATER                     | USP 34      | PASS           |
| BULK DENSITY          | ≥ 0.15 g/ml                  | USP 34      | 0.26 g/ml      |
| TAP DENSITY           | ≥ 0.30 g/ml                  | USP 34      | 0.48 g/ml      |
| PARTICLE SIZE:        | > 95% through Mesh #80 Sieve | USP 34      | PASS           |
| TOTAL PLATE COUNT     | < 3,000 cfu/gm               | AOAC        | < 1,000 cfu/gm |
| TOTAL COLIFORM        | < 100 cfu/gm                 | AOAC        | < 3 cfu/gm     |
| YEAST AND MOLDS       | < 100 cfu/gm                 | AOAC        | < 50 cfu/gm    |
| E. COLI:              | NEGATIVE                     | AOAC        | N/D            |
| SALMONELLA            | NEGATIVE                     | AOAC        | N/D            |
| SHELF LIFE            | 2 YEARS                      | HPLC        | PASS           |

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*Revision date: 03-21-2016*

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