



Blue California®

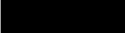
## CERTIFICATE OF ANALYSIS

Product: BESTEVIA® Rebaudioside E  
Item# BE17075E1

Lot No:	20131005	Original Manufacturer:	Blue California Co.
Date of Manufacturing:	October 5-2013	Expiration/Re-test date:	October 5-2015
QC acceptance date:	October 24-2013	Country of Origin:	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
STEVIOL GLYCOSIDES	≥ 95%	HPLC	98.5%
REBAUDIOSIDE E	≥ 85%	HPLC	90%
LOSS ON DRYING	≤ 5%	USP 34	1.2%
HEAVY METALS	< 10 ppm	USP 34	PASS
ARSENIC	< 0.5 ppm	ICP-MS	< 0.5 ppm
CADMIUM	< 0.5 ppm	ICP-MS	< 0.25 ppm
LEAD	< 0.5 ppm	ICP-MS	< 0.05 ppm
MERCURY	< 0.5 ppm	ICP-MS	< 0.1 ppm
ETHANOL	< 1,000 ppm	USP 34	< 100 ppm
METHANOL	< 200 ppm	USP 34	< 200 ppm
ASH	≤ 1%	USP 34	0.12%
PH	4.5-7	USP 34	5.2
SOLUBILITY IN WATER	3.5% clear solution in 10 minutes		PASS
BULK DENSITY	≥ 0.15 g/ml	USP 34	PASS
TAP DENSITY	≥ 0.30 g/ml	USP 34	PASS
PARTICLE SIZE:	> 95% through Mesh #80 Sieve	USP 34	PASS
TOTAL PLATE COUNT	< 1,000 cfu/gm	AOAC	< 1,000 cfu/gm
TOTAL COLIFORM	< 10 cfu/gm	AOAC	< 3 cfu/gm
YEAST AND MOLDS	< 100 cfu/gm	AOAC	< 50 cfu/gm
E. COLI:	NEGATIVE	AOAC	Not detected
SALMONELLA	NEGATIVE	AOAC	Not detected
SHELF LIFE	2 YEARS	HPLC	PASS

Approved by:  (QC Manager) Issue date: 10-08-2018

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- THIS PRODUCT SHOULD BE STORED SEALED IN A COOL AND DRY PLACE.



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## CERTIFICATE OF ANALYSIS

Product: BESTEVIA® Rebaudioside E  
Item# BE17073E1

Lot No:	160202-1601	Original Manufacturer:	Blue California Co.
Date of Manufacturing:	February 02-2016	Expiration/Re-test date:	February 02-2018
QC acceptance date:	February 17-2016	Country of Origin:	China

This product has NOT been treated by irradiation or ETO

ATTRIBUTES	SPECIFICATION	METHODS	RESULTS
APPEARANCE	Off white to white powder	VISUAL	PASS
FOREIGN MATTER	ABSENT	VISUAL	PASS
ODOR	CHARACTERISTIC	OLFACTORY	PASS
TASTE	CHARACTERISTIC	GUSTATORY	PASS
STEVIOL GLYCOSIDES	≥ 95%	HPLC	97%
REBAUDIOSIDE E	≥ 85%	HPLC	90.5%
LOSS ON DRYING	≤ 5%	USP 34	1.48%
HEAVY METALS	< 10 ppm	USP 34	PASS
ARSENIC	< 0.5 ppm	ICP-MS	< 0.5 ppm
CADMIUM	< 0.5 ppm	ICP-MS	< 0.25 ppm
LEAD	< 0.5 ppm	ICP-MS	< 0.05 ppm
MERCURY	< 0.5 ppm	ICP-MS	< 0.1 ppm
ETHANOL	< 1,000 ppm	USP 34	< 200 ppm
METHANOL	< 200 ppm	USP 34	< 100 ppm
ASH	≤ 1%	USP 34	0.15%
PH	4.5-7	USP 34	5.5
SOLUBILITY IN WATER	3.5% clear solution in 10 minutes		PASS
BULK DENSITY	≥ 0.15 g/ml	USP 34	PASS
TAP DENSITY	≥ 0.30 g/ml	USP 34	PASS
PARTICLE SIZE:	> 95% through Mesh #80 Sieve	USP 34	PASS
TOTAL PLATE COUNT	< 1,000 cfu/gm	AOAC	< 1,000 cfu/gm
TOTAL COLIFORM	< 10 cfu/gm	AOAC	< 3 cfu/gm
YEAST AND MOLDS	< 100 cfu/gm	AOAC	< 50 cfu/gm
E. COLI:	NEGATIVE	AOAC	Not detected
SALMONELLA	NEGATIVE	AOAC	Not detected
SHELF LIFE	2 YEARS	HPLC	PASS

Approved by: [REDACTED] (QC Manager) Revision date: 10-08-2018

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## CERTIFICATE OF ANALYSIS

Product: BESTEVIA® Rebaudioside E  
Item# BE17073E1

Lot No:	160921-1602	Original Manufacturer:	Blue California Co.
Date of Manufacturing:	September 21-2016	Expiration/Re-test date:	September 21-2018
QC acceptance date:	October 25-2016	Country of Origin:	China

This product has NOT been treated by irradiation or ETO

ATTRIBUTES	SPECIFICATION	METHODS	RESULTS
APPEARANCE	Off white to white powder	VISUAL	PASS
FOREIGN MATTER	ABSENT	VISUAL	PASS
ODOR	CHARACTERISTIC	OLFACTORY	PASS
TASTE	CHARACTERISTIC	GUSTATORY	PASS
STEVIOL GLYCOSIDES	≥ 95%	HPLC	98.3%
REBAUDIOSIDE E	≥ 85%	HPLC	91.2%
LOSS ON DRYING	≤ 5%	USP 34	1.12%
HEAVY METALS	< 10 ppm	USP 34	PASS
ARSENIC	< 0.5 ppm	ICP-MS	< 0.5 ppm
CADMIUM	< 0.5 ppm	ICP-MS	< 0.25 ppm
LEAD	< 0.5 ppm	ICP-MS	< 0.05 ppm
MERCURY	< 0.5 ppm	ICP-MS	< 0.1 ppm
ETHANOL	< 1,000 ppm	USP 34	< 200 ppm
METHANOL	< 200 ppm	USP 34	< 100 ppm
ASH	≤ 1%	USP 34	0.15%
PH	4.5-7	USP 34	5.2
SOLUBILITY IN WATER	3.5% clear solution in 10 minutes		PASS
BULK DENSITY	≥ 0.15 g/ml	USP 34	PASS
TAP DENSITY	≥ 0.30 g/ml	USP 34	PASS
PARTICLE SIZE:	> 95% through Mesh #80 Sieve	USP 34	PASS
TOTAL PLATE COUNT	< 1,000 cfu/gm	AOAC	< 1,000 cfu/gm
TOTAL COLIFORM	< 10 cfu/gm	AOAC	< 3 cfu/gm
YEAST AND MOLDS	< 100 cfu/gm	AOAC	< 50 cfu/gm
E. COLI:	NEGATIVE	AOAC	Not detected
SALMONELLA	NEGATIVE	AOAC	Not detected
SHELF LIFE	2 YEARS	HPLC	PASS

Approved by: [REDACTED] (QC Manager) Revised date: 10-08-2018

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## CERTIFICATE OF ANALYSIS

Product: BESTEVIA® Rebaudioside E  
Item# BE17075E1

Lot No:	160921-1603	Original Manufacturer:	Blue California
Date of Manufacturing:	November 01-2016	Expiration/Re-test date:	November 01-2018
QC acceptance date:	November 18-2016	Country of Origin:	China

This product has NOT been treated by irradiation or ETO

ATTRIBUTES	SPECIFICATION	METHODS	RESULTS
APPEARANCE	Off white to white powder	VISUAL	PASS
FOREIGN MATTER	ABSENT	VISUAL	PASS
ODOR	CHARACTERISTIC	OLFACTORY	PASS
TASTE	CHARACTERISTIC	GUSTATORY	PASS
STEVIOL GLYCOSIDES	≥ 95%	HPLC	99.5%
REBAUDIOSIDE E	≥ 85%	HPLC	86.7%
LOSS ON DRYING	≤ 5%	USP 34	1.29%
HEAVY METALS	< 10 ppm	USP 34	PASS
ARSENIC	< 0.5 ppm	ICP-MS	< 0.5 ppm
CADMIUM	< 0.5 ppm	ICP-MS	< 0.25 ppm
LEAD	< 0.5 ppm	ICP-MS	< 0.05 ppm
MERCURY	< 0.5 ppm	ICP-MS	< 0.1 ppm
ETHANOL	< 1,000 ppm	USP 34	< 200 ppm
METHANOL	< 200 ppm	USP 34	< 100 ppm
ASH	≤ 1%	USP 34	0.25 %
PH	4.5-7	USP 34	4.95
SOLUBILITY IN WATER	3.5% clear solution in 10 minutes		PASS
BULK DENSITY	≥ 0.15 g/ml	USP 34	PASS
TAP DENSITY	≥ 0.30 g/ml	USP 34	PASS
PARTICLE SIZE:	> 95% through Mesh #60 Sieve	USP 34	PASS
TOTAL PLATE COUNT	< 1,000 cfu/gm	AOAC	< 1,000 cfu/gm
TOTAL COLIFORM	< 10 cfu/gm	AOAC	< 3 cfu/gm
YEAST AND MOLDS	< 100 cfu/gm	AOAC	< 50 cfu/gm
E. COLI:	NEGATIVE	AOAC	Not detected
SALMONELLA	NEGATIVE	AOAC	Not detected
SHELF LIFE	2 YEARS	HPLC	PASS

Approved by: [REDACTED] (QC Manager) Revised: 10-08-2018

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## CERTIFICATE OF ANALYSIS

Product: BESTEVIA® Rebaudioside E  
Item# BE17075E1

Lot No:	20170665-04	Original Manufacturer:	Blue California
Date of Manufacturing:	June 30-2017	Expiration/Re-test date:	June 30-2020
QC acceptance date:	July 19-2017	Country of Origin:	China

This product has NOT been treated by irradiation or ETO

ATTRIBUTES	SPECIFICATION	METHODS	RESULTS
APPEARANCE	Off white to white powder	VISUAL	PASS
FOREIGN MATTER	ABSENT	VISUAL	PASS
ODOR	CHARACTERISTIC	OLFACTORY	PASS
TASTE	CHARACTERISTIC	GUSTATORY	PASS
STEVIOL GLYCOSIDES	≥ 95%	HPLC	99.3%
REBAUDIOSIDE E	≥ 85%	HPLC	85.4%
LOSS ON DRYING	≤ 5%	USP 34	1.33%
HEAVY METALS	< 10 ppm	USP 34	PASS
ARSENIC	< 0.5 ppm	ICP-MS	< 0.5 ppm
CADMIUM	< 0.5 ppm	ICP-MS	< 0.25 ppm
LEAD	< 0.5 ppm	ICP-MS	< 0.05 ppm
MERCURY	< 0.5 ppm	ICP-MS	< 0.1 ppm
ETHANOL	< 1,000 ppm	USP 34	< 200 ppm
METHANOL	< 200 ppm	USP 34	< 100 ppm
ASH	≤ 1%	USP 34	0.1%
PH	4.5-7	USP 34	5.6
SOLUBILITY IN WATER	3.5% clear solution in 10 minutes		PASS
BULK DENSITY	≥ 0.15 g/ml	USP 34	PASS
TAP DENSITY	≥ 0.30 g/ml	USP 34	PASS
PARTICLE SIZE:	> 95% through Mesh #60 Sieve	USP 34	PASS
TOTAL PLATE COUNT	< 1,000 cfu/gm	AOAC	< 1,000 cfu/gm
TOTAL COLIFORM	< 10 cfu/gm	AOAC	< 3 cfu/gm
YEAST AND MOLDS	< 100 cfu/gm	AOAC	< 50 cfu/gm
E. COLI:	NEGATIVE	AOAC	Not detected
SALMONELLA	NEGATIVE	AOAC	Not detected
SHELF LIFE	2 YEARS	HPLC	PASS

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