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## CERTIFICATE OF ANALYSIS

<b>NAME OF PRODUCT:</b>	<b>Rebaudioside M (CAS #1220616-44-3)</b>
<b>BATCH #:</b>	<b>PT050814</b>
<b>MANUFACTURING DATE:</b>	<b>5<sup>th</sup> August 2014</b>
<b>SHELF LIFE:</b>	<b>2 years from manufacturing date</b>
<b>MANUFACTURING CONDITIONS:</b>	<b>GMP (ISO 22,000:2005/22,002-1:2009), FSSC22000</b>
<b>STORAGE CONDITION:</b>	<b>Cool, dry and ventilated area</b>

PARAMETER	METHODS	SPECIFICATION	RESULT
Appearance	Sensory Evaluation	White to off-white powder	Approved
Taste and Odor	" "	Clean sweet taste with no abnormal odor	Approved
Absorbance at 370nm, 0.1% solution	GB 8270-1999	≤0.1	0.010
Total Steviol Glycosides, % (anhydrous basis)*	JECFA, 2010	≥95.0	100.00
Rebaudioside M, % (anhydrous basis)	" "	≥51.0	96.60
Loss on Drying, %	JECFA Vol.4	≤6.0	2.44
Solubility	" "	Sparingly soluble in water and ethanol	Passed
pH, 0.1% solution	" "	4.5 - 7.0	5.98
Residual Ethanol, %	USP<467>	<0.30	0.175
Residual Methanol, %	" "	<0.02	0.002
Ash, %	JECFA Vol.4	<1.0	<0.005
Lead (as Pb), ppm	AOAC 993.14	<1.0	<0.005
Arsenic (as As), ppm	" "	<1.0	<0.005
Cadmium (as Cd), ppm	" "	<1.0	<0.005
Mercury (as Hg), ppm	" "	<1.0	<0.005
Total Plate Count, CFU/g	AOAC966.23	<1000	Not Detected
Yeast, CFU/g	AS 1766.2.2	Not Detected	Not Detected
Mold, CFU/g	" "	Not Detected	Not Detected
Total Coliforms, MPN/g	ISO 4831	Not Detected	Not Detected
<i>E.coli</i> count, MPN/g	ISO 7251	Not Detected	Not Detected
Thermophilic Acidophilic bacteria, CFU/g	JFJA 2007**	Not Detected	Not Detected
Guaiacol producing bacteria, CFU/g	" "	Negative in 1g	Negative
<i>S. aureus</i> , CFU/g	Chapter 12, FDA	Not Detected	Not Detected
<i>Salmonella</i> sp.	ISO 6579	Absent in 25g	Absent
<i>Listeria</i>	Chapter 10, FDA	Absent in 25g	Absent
Particle size, % (through US mesh #20)	Sieve Analysis	>95	Passed

\*Rebaudioside M+ 9 Steviol Glycosides FAO JECFA Monographs 10 (2010)

\*\* Japan Fruit Juice Association, Jan-2007

Prepared by: \_\_\_\_\_

Quality Assurance Department  
Date: 29<sup>th</sup> August 2014

Reviewed by: \_\_\_\_\_

Quality Assurance Department  
Date: 29<sup>th</sup> August 2014