



CERTIFICATE OF ANALYSIS

Description of Product: Steviol Glycosides with 97% Rebaudioside A

Product Code: HG-RA-97

Batch No.: 20160810

Manufacturing Date: Aug. 10, 2016

Expiry Date: Aug. 9, 2018

Storage Condition: Stored in cool, dry and ventilated room.

PARAMETER	TEST METHOD	SPECIFICATIONS	TEST RESULTS
Appearance	Visual check	White Powder	White Powder
Solubility	JECFA 2010	Freely soluble to slightly soluble in water	Freely soluble to slightly soluble in water
Rebaudioside A, % (wt/wt) on anhydrous basis	HPLC	≥97	97.47
Total Glucoside Content (%) (wt/wt)	HPLC	≥ 98	98.75
PH(1 in 100 solution)	JECFA2010	4.5-7.0	5.9
Free bulk density(g/ml)	Fcc Vol.7	0.2-0.6	0.36
Ash, % (wt/wt)	AOAC 945.96	< 0.2	0.062
Specific Rotation, on anhydrous basis	Polarimeter	-20° to -33°	-31
Loss on Drying%	Loss on Drying	≤5	2.28
Lead (as Pb), ppm	ICP MS AOAC	< 1.0	0.030
Cadmium (as Cd), ppm	ICP MS AOAC	< 0.1	<0.005
Arsenic (as As), ppm	ICP MS AOAC	< 0.1	0.010
Mercury (as Hg), ppm	ICP MS AOAC	< 0.1	<0.005
Ethanol	CH.P.(2)-VIII-P	≤ 5,000ppm	71ppm
Methanol	CH.P.(2)-VIII-P	≤ 200ppm	49ppm
Faecal Coliforms, MPN/g	Chapter 4, FDA	< 3	Not Detected
Total Coliforms, MPN/g	Chapter 4, FDA	< 3	Not Detected
Escherichia coli count, CFU/g	AOAC 991.14	< 10	Not Detected
Listeria	Tecra Unique	Negative / 11g	Absent
Salmonella sp.	Tecra Unique/ AOAC 2000.07	Negative / 25g	Absent
Staphylococcus aureus, CFU/g	Chapter 12, FDA	< 10	Not Detected
Total Plate Count, CFU/g	AOAC 990.12	< 1000	<100
Total Yeast, CFU/g	AOAC 997.02	< 50	<10
Total Mould, CFU/g	AOAC 997.02	< 50	<10

Conclusion: Qualified for sales and human consumption.

Inspector: Wang Qinghua

Date of Analysis: Aug. 10, 2016

Quality Control & Assurance Department

