西安慧集本草生物科技有限公司
XI'AN HJ HERB BIOTECHNOLOGY CO.,LTD

Certificate of Analysis

ProductName	Steviol Glycosides with 40% Rebaudioside A	Source	Stevia leaf
Product Code	HJ-RA-95-40	Manufacturing Date	Sept.1st,2020
Batch No.	HJ-20200901	Expiry Date	Aug.31st,2022
Quantity	800KG	Analysis Date	Sept.1,2020

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	≥40%	41.05
Total Glucoside Content (%) (wt/wt)	HPLC	≥ 95%	96.51
PH(1 in 100 solution)	JECFA 2010	4.5-7.0	5.51
Free bulk density(g/ml)	Fcc Vol.7	0.2-0.6	0.31
Ash, % (wt/wt)	AOAC 945.96	< 0.2	0.056
Specific Rotation, on anhydrous basis	Polarimeter	-20° to -33°	-26°
Loss on Drying %	Loss on Drying	≤5	3.17
Ethanol	CH.P.(2)-VIII-P	≤ 5,000ppm	124ppm
Methanol	CH.P.(2)-VIII-P	≤ 200ppm	67pm
Pb	ICP MS AOAC	< 1.0	0.030
Cd	ICP MS AOAC	< 0.1	< 0.005
As	ICP MS AOAC	< 0.1	0.011
Hg	ICP MS AOAC	< 0.1	< 0.005
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	< 100	< 10
Total Mould, CFU/g	AOAC 997.02	< 100	< 10
Conclusion	Qualified for sales and human consumption		
Storage	Stored in cool, dry and ventilated room		
Shelf life	Two Years		

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