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XIAN PLANT BIO-ENGINEERING CO.,LTD

Certificate of Analysis

Product Name	Glabridin		
Part Used	root	Extract solvent	Ethanol & Water
Batch No.	GB9171112	Manufacturing Date	Nov., 12 th , 2017
Butch Quantity	10KG	Expiry Date	Nov., 11 th , 2019

Analysi Item	Specifications	Results	TestMethods
Assay	Glabridin 90%	90.56%	HPLC
Appearance	White fine powder	Conforms	Visual
Identification	Must Positive	Positive	TLC
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Particle Size	100%Through 80 mesh	Conforms	100MeshScreen
Loss on Drying	3.0%	1.06%	CP2010Appendix
Acid-insoluble ash	1.0%	0.44%	CP2010Appendix
Solvent Residue	Negative	Conforms	Gas Chromatography
Pesticide Residue	Negative	Conforms	Gas Chromatography
Total Heavy Metals	20ppm	Conforms	CP2010Appendix IX E
Arsenic	2ppm	Conforms	CP2010Appendix IX F
Pb	2ppm	Conforms	CP2010Appendix IX B
Total Plate Count	1000cfu/g	Conforms	CP2010Appendix X C
Total Yeast & Mold	100cfu/g	Conforms	CP2010Appendix X C
E.Coli	NMT 30 MPN/100g	Conforms	CP2010Appendix X C
Salmonella	Negative/25g	Conforms	CP2010Appendix X C
Staphylococcus	Negative/25g	Conforms	CP2010Appendix X C
Packing and Size	Packed in drum & two plastic-bags inside, Net Weight: : 25Kg/drum		

Conclusion	Conform with Specification.
Storage	Store in a cool and dry place, keep away from direct strong and heat.
Shelf Life	24months if when properly stored