

CERTIFICATE OF ANALYSIS

Product Name	Red Clover Extract.	Batch Number	LCHC140601
Latin Name	<i>Trifolium pratense L</i>	Manufacture Date	Jun.20.2014
Plant Part Used	Leaves & Flowers	Expiry Date	Jun.19.2016
Quantity	1000kgs /-40-drums	Product Code No	GLBT-S001
ITEMS	SPECIFICATION	RESULTS	TEST METHODS
Appearance	Brown fine Powder	Conforms	Visual
Nature	Leaves & Flowers	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Origin	<i>Trifolium pratense L</i>	Conforms	Biological Taxonomy
Total isoflavones	≥8.0%	8.33%	HPLC
Daidzein		0.19%	
Genistein		0.11%	
Biochanin B		6.67%	
Biochanin A		1.36%	
Loss on drying	≤5.0%	3.60%	5g/105℃/2hrs
Ashes	≤5.0%	2.55%	2g/600℃/3hrs
Mesh Size/Sieve	NLT 95% Through 80 mesh	100% Through	80 mesh sieve
Heavy Metals	≤20ppm	Conforms	AAS
Lead(Pb)	≤3ppm	Conforms	AAS
Arsenic(As)	≤2ppm	Conforms	AAS
Cadmium(Cd)	≤1ppm	Conforms	AAS
Mercury (Hg)	≤1ppm	Conforms	AAS
Solvent Residue	Complies	Conforms	USP
Total Plate Count	≤10000cfu/g	Conforms	USP
Total Yeast &Mold	≤100cfu/g	Conforms	USP
E.Coli.	Negative	Conforms	GB/T4789. 2003
Salmonella	Negative	Conforms	GB/T4789. 2003
GMO Status	Non-GMO	Conforms	PCR / Elisa
Irradiation	Irradiation Free	Conforms	Irradiation Status
Packing	Packed in paper-drums and two plastic-bags inside.N.W.:25kgs .I.D.36cm ×H51cm		
Storage	Store in a well-closed container Away from moisture.		
Shelf Life	2 years if sealed and store away from direct sun light.		

Zhouguangwei

Quality Assurance Officer

Lichao

Analyst