



XI'AN RONGDE

IMPORT & EXPORT TRADE CO., LTD

CERTIFICATE OF ANALYSIS

Product name	5-HYDROXY TRYPTOPHAN 98%
Botanical source	<i>Griffonia simplicifolia</i>
Plant part used	Seed
Batch Number	XARD04172014
Batch Quantity	200kg
Manufacture Date:	Apr. 17 th , 2014
Date of Certificate	May. 6 th , 2014

ANALYSIS	SPECIFICATION	RESULTS
Appearance	White to gray white fine powder	Complies
Odor	Characteristic	Complies
Assay	5-HTP≥98.0%	98.13%
Sieve Analysis	100% pass 80 mesh	Complies
Loss on Drying	≤1.0%	0.95%
Ash	≤3.0%	1.43%
Peak X	Not Detected	Complies
Heavy Metal		
Pb	<1ppm	Complies
As	<0.5ppm	Complies
Hg	<0.5ppm	Complies
Residual Solvent	Eur.Pharm	Complies
Microbiology		
Total Plate Count	<1000cfu/g	Complies
Yeast & Moulds	<100cfu/g	Complies
E.Coli	Negative	Complies
Salmonella	Negative	Complies

Conclusion	Conform with specification
Storage	Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation.
Shelf life	2 years when properly stored