



Xi'an Rongde Import & Export Trade Co., Ltd

RD Health Ingredients Co., Ltd

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## CERTIFICATE OF ANALYSIS

<b>Product name</b>	5-HYDROXY TRYPTOPHAN
<b>Botanical source</b>	<i>Griffonia simplicifolia</i>
<b>Plant part used</b>	Seed
<b>Batch Number</b>	RDEGS08182014
<b>Batch Quantity</b>	200kg
<b>Manufacture Date:</b>	Aug. 18 <sup>th</sup> , 2014
<b>Date of Certificate</b>	Aug. 25 <sup>th</sup> , 2014

ANALYSIS	SPECIFICATION	RESULTS
Appearance	White to gray white fine powder	Complies
Odor	Characteristic	Complies
Assay	5-HTP $\geq$ 99.0%	99.13%
Sieve Analysis	100% pass 80 mesh	Complies
Loss on Drying	$\leq$ 1.0%	0.95%
Ash	$\leq$ 3.0%	1.43%
<b>Heavy Metal</b>		
Pb	< 1ppm	Complies
As	< 0.5ppm	Complies
Hg	< 0.5ppm	Complies
Residual Solvent	Eur.Pharm	Complies
<b>Microbiology</b>		
Total Plate Count	< 1000cfu/g	Complies
Yeast & Moulds	< 100cfu/g	Complies
E.Coli	Negative	Complies
Salmonella	Negative	Complies

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

Zhang Zhewen

Quality Assurance Officer

Wang Wei

Quality Control