

LIFTMODE

LIFTMODE
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Chicago, IL 60605

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CERTIFICATE OF ANALYSIS

Baicalein

(CAS 491-67-8; 5,6,7-Trihydroxyflavone)

Material Lot #: 20180121
Country of Origin: China

Manufacture Date: 01/21/2018
Retesting Date: 07/02/2021

Analysis	Claim	Result
Baicalein	≥98%	98.7%

Test	Specification	Result
Botanical Name	Scutellaria baicalensis	Complies
Part used	Root	Complies
Appearance	Light yellow powder	Complies
Loss on Drying	≤5.0%	1.22%
Sulfated Ashes	≤0.1%	0.05%
Solvent Residue	≤500 ppm	Complies
Heavy Metals (µg/g)	≤10ppm	Complies
As	≤1ppm	Complies
Hg	≤0.1 ppm	Complies
Pb	≤1ppm	Complies
Cd	≤1ppm	Complies
Total Plate Count	≤1000 cfu/g	Complies
Mould and Yeast	≤100 cfu/g	Complies
Salmonella	Negative Result	Complies
E.coli	Negative Result	Complies

Conforms to Standard

Baicalein should be stored at or below room temperature in a tightly sealed durable container. Baicalein should be protected from excess heat, direct sunlight, excess humidity and moisture. Baicalein has a stable shelf life of 3 years from the date of manufacture when properly stored.



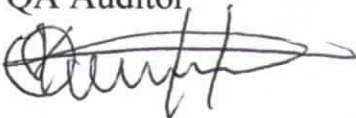
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Certificate of Analysis

Synaptent LLC
 47 W. Polk ST, STE 100-241
 Chicago, IL 60605

Product Name	Baicalein	Product Lot #	20180121
Report Date	07/03/2018	Lab #	10442

Description	Test Method	Results
Identification	¹ H-NMR	Conforms
Assay	HPLC	99.5%
Lead	ICP-MS USP<730>	0.009ppm
Arsenic	ICP-MS USP<730>	<0.001ppm
Cadmium	ICP-MS USP<730>	<0.002ppm
Mercury	ICP-MS USP<730>	<0.023ppm
Total Plate Count	BioLumix	<100 CFU/g
Yeast and Mold	BioLumix	<100 CFU/g
Salmonella	BioLumix	Negative
Coliform	BioLumix	<10 CFU/g
<i>E. coli</i>	BioLumix	Negative

Peter Yoho PhD
 QA Auditor


07/03/2018
 Date
 7/3/18

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