

Chem-Impex International, Inc.

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825 Dillon Drive

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Certificate of Analysis

Catalogue Number	33400
Lot Number	002958-201810901
Product	Baicalein

5,6,7-Trihydroxyflavone

CAS Number	491-67-8
Molecular Formula	C ₁₅ H ₁₀ O ₅

Molecular Weight	270.24
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Appearance	Yellow powder
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Odor	None to slight
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Melting Point	256 - 271 °C
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Heavy Metals	< 10 ppm
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Cation	Arsenic (As) : < 1 ppm Mercury (Hg) : < 0.1 ppm Lead (Pb) : < 1 ppm Cadmium (Cd) : < 1 ppm
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Water Content (Karl Fisher)	0.88%
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Yeast and Mold	< 100 cfu/g
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Optical Rotation	[α] _D ²⁰ = -86 °
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Residual Solvents	< 500 ppm
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E. Coli, Salmonella, S.Aureus	Negative
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Microbial Count	< 1000 cfu/g (TBC)
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Particle Size	100% thr' 80 mesh
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Sulfated Ash	0.06%
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Purity by HPLC	98.07%
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Storage	Store at RT
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Certificate of Analysis

Catalog Number: 33400

Lot Number: 002958-201810901

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager