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Certificate of Analysis

Catalogue Number 32447
Product **Berberine chloride hydrate**

Lot Number 002598-20180503
Natural Yellow 18 hydrate

CAS Number 141433-60-5
Molecular Formula $C_{20}H_{18}ClNO_4 \bullet H_2O$

Molecular Weight 371.82

Appearance Yellow crystalline powder
Solubility It is sparingly soluble in methanol, slightly soluble in ethanol and very slightly soluble in water
Heavy Metals < 30 ppm
Anion Sulfate: < 0.048%
Water Content (Karl Fisher) 11%
Acidity Yellow color changes to orange to red color
Infrared Spectrum Conforms to structure
Related Substances 0.9%
Sulfated Ash < 0.1%
Assay 98.1%
Storage Store at RT
Additional Information UV spectrum : Conforms to structure

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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



Bala Kumar
Quality Control Manager