

Hallochem Group



Chongqing Waycome Pharmaceutical Co.,Ltd.

CERTIFICATE OF ANALYSIS

Product name	Artemisinin	Batch No.	1911010
Manuf. Date	2019-11-10	Expiry Date	2021-11-09
Quantity	10Kgs	Botanical source	Asteraceae Artemisia annua L.
Part of plant used	Aboveground	Test Standard	Factory standard

TEST	SPECIFICATIONS	RESULTS
Appearance	Colorless needle crystal, bitter	conform
Identification	Positive	conform
Melting point	150°C - 153°C	151.3-152.8°C
Specific rotation	+75° - +78 °	+76.9 °
Related substances	≤ 0.25%	<0.25%
Sulphated ash	≤ 0.1 %	0.05%
Loss on drying	≤ 0.5%	0.15%
Heavy Metals	≤20ppm	<20ppm
Assay	98.0 - 102.0 %	99.8%

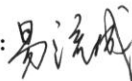
Storage: Closed keep in cool,dry and dark place ;keep from heat and strong light

Conclusion: The product complies with the Factory standard

Quality Manager:



Rechecker:



Analyst:



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