

Hallochem Group**HALLOCHEM****Chongqing Waycome Pharmaceutical Co.,Ltd.****CERTIFICATE OF ANALYSIS**

Product name	Artemisinin	Batch No.	1610001
Manuf. Date	2016-10-29	Expiry Date	2018-10-28
Quantity	200Kgs	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	151.7-152.2°C
Specific rotation	+75° - +78 °	+76.5 °
Related substances	≤ 0.25%	<0.25%
Sulphated ash	≤ 0.1 %	0.06%
Loss on drying	≤ 0.5%	0.25%
Heavy Metals	≤20ppm	<20ppm
Assay	98.0 - 102.0 %	99.86%

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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