



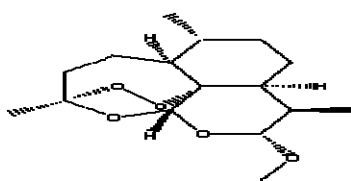
HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: DYC081509305

Product name	Artemether
CAS Number	71963-77-4
Molecule Structure	
Molecule Formula	C16H26O5
Batch number	20150805
Manuf. Date:	2015-08-05
Testing Date:	2015-08-05

Items	Standard	Result
Appearance	White crystal or crystalline powder, no smell taste bitter	Complies
Identification	IR TLC HPLC	Postive Postive Complies
Assay, HPLC	98-102%	99.35%
Melting point	86-90°C	88°C
Optical rotation[α] _{D20} °	+166° ~+173°	+171°
Loss on drying	0.5% max	0.23%
Related substances	Total impurity: 1.0% max Single impurity: 0.25-0.5% Other single impurity: 0.25% max	0.41% 0.25-0.5% 0.25% max
Sulphated ash	0.1% max	0.04%

Hangzhou Dingyan Chem Co., Ltd.
Quality Control
QUALITY CONTROL:  CHECK: 姚仙娟 INSPECTOR: 刘清风

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