
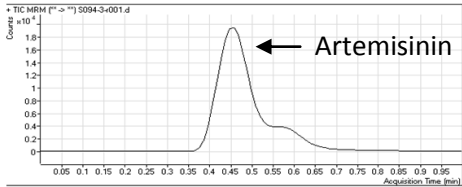
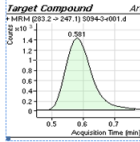
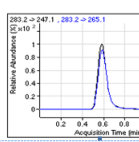
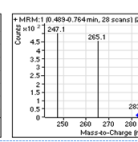


Certificate of Analysis

Order #		Order Code	RS-014a	Manufacturer	SensaPharm Ltd
Manufacture Date	08 Apr 2010	Product Name	Artemis Ethanol Extract MS	Net Weight	100µl dried down volume
Test date	09 Apr 2010	Batch #	CR-10-003		

This extract was produced from 0.2g *Artemisia annua* variety Artemis leaf using 10ml of 100% Ethanol as the extraction solvent. The extraction was performed at room temperature by vortexing for 3 minutes and centrifuging for 2 minutes. This product contains 100µl dried down volume from a 1/10 mixture of the Artemis Ethanol extract.

To analyse this sample by LC-MS add 1ml Acetonitrile and set the injection volume at 1µl. Up to 1000 profiles can be performed.

Test	Results																					
Artemisinin Concentration	2.00 ug/ml																					
TLC	<div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <p>A – Artemisinin 300µg/ml</p> <p>B – Artemisinin 200µg/ml</p> <p>C – Artemisinin 100µg/ml</p> <p>D – Artemisinin 50µg/ml</p> <p>E – Blank 0µg/ml</p> <p>F – Ethanol Extract</p> </div> </div>																					
HPLC/MSMS	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  </div> <div style="width: 50%;"> <table border="1" style="font-size: small;"> <thead> <tr> <th colspan="7">Quantitation Results</th> </tr> <tr> <th>Compound</th> <th>ISTD</th> <th>RT</th> <th>Response</th> <th>ISTD Resp</th> <th>Resp Ratio</th> <th>Final Conc</th> </tr> </thead> <tbody> <tr> <td>Art</td> <td>Santonin</td> <td>0.581</td> <td>8190</td> <td>109719</td> <td>0.1</td> <td>2.0140</td> </tr> </tbody> </table> <p>Compound Graphics</p> <div style="display: flex; justify-content: space-around;">    </div> </div> </div>	Quantitation Results							Compound	ISTD	RT	Response	ISTD Resp	Resp Ratio	Final Conc	Art	Santonin	0.581	8190	109719	0.1	2.0140
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Quality Control Operator

Signature _____

Date _____