



# ARTEMISININ

Application note # QAN-0028 revA

## PARAMETERS

### NQAD

GAS: Air  
FILTER: 2.5 sec  
GAIN: 10x  
EVAPORATION TEMP: 35°C

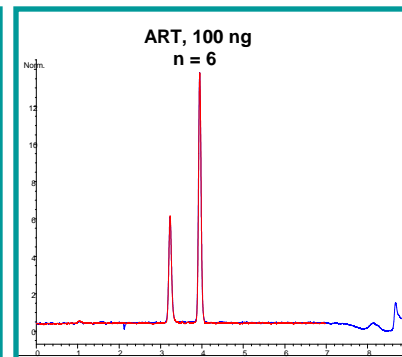
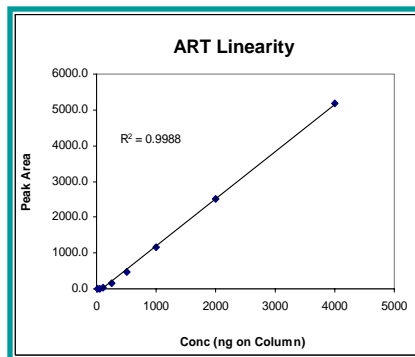
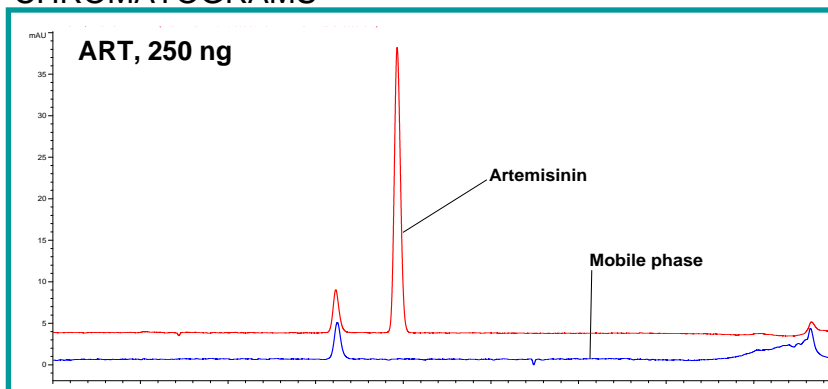
### HPLC

MOBILE PHASE:

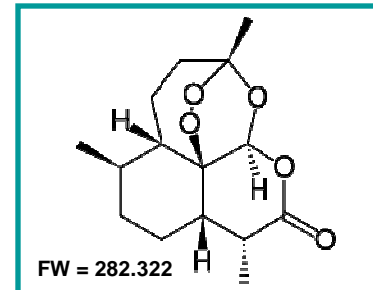
Time (min)	ACN (%)	Water (%)
0.0	70	30
5.0	70	30
6.0	100	0
6.1	70	30
9.0	70	30

FLOW RATE: 1.0 mL/min  
COLUMN: Phenomenex Gemini C18,  
5 u, 150 x 4.6 mm  
COLUMN TEMP: Ambient  
INJECTION VOLUME :5 uL  
ANALYTE: Artemisinin

## CHROMATOGRAMS



## STRUCTURE



## RESULTS

% RSD 500 ng = 1.5, n = 5  
% RSD 100 ng = 3.0, n = 5  
LINEARITY = 10-4000 ng  
LINEAR REGRESSION = 0.9988  
LOD = 10 ng



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