

Certificate of Analysis

SIGMA-ALDRICH

Product Name Artemisinin,
98%
Product Number 361593
Product Brand SIGMA
CAS Number [63968-64-9](#)
Molecular Formula $C_{15}H_{22}O_5$
Molecular Weight 282.33

TEST**APPEARANCE****INFRARED SPECTRUM****OPTICAL ROTATION****THIN-LAYER****SOLUBILITY****QUALITY CONTROL****SPECIFICATION**

WHITE POWDER, CRYSTALS, CRYSTALLINE
POWDER
CONFORMS TO STRUCTURE.
+ 75.0(+ / - 3) DEGREES (C=0.5%, METHANOL)
CONSISTENT WITH 98% PURITY
25 MG/ML, CHCL₃; CLEAR, COLORLESS
SOLUTION

LOT 04720DH RESULTS

WHITE CRYSTALLINE POWDER
CONFORMS TO STRUCTURE.
+ 74.6 DEGREES (C=0.5%, MECH)
CONSISTENT WITH 98% PURITY
25 MG/ML, CHCL₃; CLEAR, COLORLESS
SOLUTION
MAY 2007



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