

CERTIFICATE OF ANALYSIS

For Laboratory Use Only

Product name

Aloin

Other names

1,8-Dihydroxy-10-(β-D-glucopyranosyl)-3-(hydroxymethyl)-9(10H)-anthracenone; 10-β-D-Glucopyranosyl-1,8-dihydroxy-3-(hydroxymethyl)-9(10H)-anthracenone; Aloin A; Barbaloin

CAS

452311-56-7

Catalog No.

ANQ-1-10

Formula

C₂₁H₂₂O₉

Molecular mass

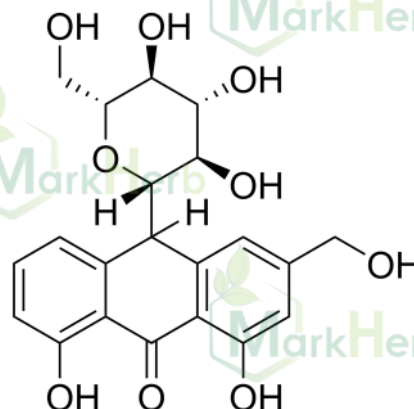
418.4 g/mol

Date of sample

29/11/2019

Date of report

29/11/2019



Structure

ANALYTICAL RESULTS

Test	Method	Specification	Result
Appearance	NA	Pale yellow, powder	Yellow, powder
Purity Total	HPLC-UV	> 90%	98.52%
• Aloin B (1)		> 25%	28.34%
• Aloin A (2)		> 70%	70.18%
• Other compounds (impurities)			1.48%
UV spectrum	UV Spectroscopy	NA	NA
Mass spectrum	LC-MS/MS	NA	NA
NMR	¹ H-NMR, ¹³ C-NMR	NA	NA

NA, not available

STORAGE CONDITIONS

Storage Store at 4 to 8 °C, keep dry

Transport Room temperature

Digitally signed by
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 Date: 29.11.2019
 Bandung - Indonesia