CERTIFICATE of ANALYSIS

Alkannin

5,8-dihydroxy-2-[(1S)-1-hydroxy-4-methyl-3-penten-1-yl]-1,4-naphthalenedione

*Item No. 25058 * Batch No. 0826693*

Purity Specification: ≥98%

Molecular formula: C16H16O5

CAS number: **517-88-4** **Formula weight:** **288.30** **Expiration date:** **04NOV2030**

Overview

Tests	Results
HPLC	Purity: 100.0 %
IR	Conforms
Mass Spec	M-H: 287.2
Melting point	142 - 144 ºC
TLC	Purity: 100 %
UV	λ max: 214.00 nm λ max: 280.00 nm λ max: 516.00 nm
NMR	Conforms
Optical rotation	$[\alpha]^{D}$ = -332.0°

Reviewed and approved by: Libby Perry

Libby Perry

WARNING
THIS PRODUCT IS FOR RESEARCH USE - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE. IT IS THE RESPONSIBILITY OF THE PURCHASER TO DETERMINE SUITABILITY FOR OTHER APPLICATIONS.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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