

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-24 10:02:16

Date of Next Testing: 2026-06-23 10:02:16

Product Name: **Rotundine**

CAS Number: 483-14-7

Specifications & Purity: $\geq 98\%$

Lot #: F2220023

SKU #: **R136626**

Version: **0**

Analysis #: **105251**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.87600 %
Melting point	140-144 (°C)	143.20000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	-298--278 (°)	-297.86000 °
Appearance (R136626)	White to yellow powder or crystals	White to yellow powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager