

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-07 08:57:07

Date of Next Testing: 2027-07-06 08:57:07

Product Name: **Michler's ketone**

CAS Number: 90-94-8

Specifications &amp; Purity: 98%

Lot #: J1520059

SKU #: **M108573**Analysis: **248068**

| Parameter            | Limit Values                                                                 | Result                                                                       |
|----------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Melting point        | 171-176 (°C)                                                                 | 172.60000 °C                                                                 |
| Purity(HPLC area)    | 98-100 (%)                                                                   | 98.21 %                                                                      |
| Appearance (M108573) | Pale blue to dark blue to dark gray Crystals or powder or crystalline powder | Pale blue to dark blue to dark gray Crystals or powder or crystalline powder |
| Proton NMR spectrum  | Conforms to structure                                                        | Conforms to Structure                                                        |

A handwritten signature in black ink that reads "John Su".John Su  
QA & QC Manager