

## Certificate of Analysis

Date of Testing: 2022-03-10 16:51:07  
Date of Next Testing: 2026-03-09 16:51:07  
Product Name: **Tergitol® TMN 3**  
CAS Number: 60828-78-6  
Specifications & Purity: 90% active ingredients basis  
Lot #: C2202595  
SKU #: **T113879**  
Analysis: **082981**

| Parameter             | Limit Values          | Result                |
|-----------------------|-----------------------|-----------------------|
| Water by Karl Fischer | 0-0.5 (%)             | 0.00 %                |
| PH                    | 5-8                   | 6.30                  |
| Molecular Weight      | 278-340               | 296.00                |
| Infrared spectrum     | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager