

## Certificate of Analysis

Date of Testing: 2023-05-05 17:25:54

Date of Next Testing: 2027-05-04 17:25:54

Product Name: **3 , 5-DimethylbenzylCyanide**

CAS Number: 39101-54-7

Specifications & Purity: 98%

Lot #: D23141490

SKU # **D136591**

**Analysis: 176009**

| Parameter            | Limit Values                                                                                                                        | Result                                                                                                                              |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Melting point        | 42-45 (°C)                                                                                                                          | 44.09000 °C                                                                                                                         |
| Purity(HPLC)         | 98-100 (%)                                                                                                                          | 99.30300 %                                                                                                                          |
| Proton NMR spectrum  | Conforms to Structure                                                                                                               | Conforms to Structure                                                                                                               |
| Appearance (D136591) | Colorless to white to cream to pale yellow<br>Crystals or powder or crystalline powder or<br>lumps or fused solid or liquid as melt | Colorless to white to cream to pale yellow<br>Crystals or powder or crystalline powder or<br>lumps or fused solid or liquid as melt |



John Su  
QA & QC Manager