

## Certificate of Analysis

Date of Testing: 2022-06-11 13:43:26  
 Date of Next Testing: 2026-06-10 13:43:26  
 Product Name: **2-Cyanophenylacetonitrile**  
 CAS Number: 3759-28-2  
 Specifications & Purity: >97.0%(GC)  
 Lot #: H1408204  
 SKU #: **C124216**  
 Analysis: **097725**

| Parameter                      | Limit Values                                 | Result                                       |
|--------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(GC)                     | 97-100 (%)                                   | 98.42 %                                      |
| Melting point                  | 78-82 (°C)                                   | 78.67000 °C                                  |
| Carbon by Elemental Analysis   | 71.5-80.6 (%)                                | 76.90 %                                      |
| Nitrogen by Elemental Analysis | 18.5-20.9 (%)                                | 20.50 %                                      |
| Appearance (C124216)           | Beige to Green to Brown Powder and/or Chunks | Beige to Green to Brown Powder and/or Chunks |
| Infrared spectrum              | Conforms to Structure                        | Conforms to Structure                        |
| Proton NMR spectrum            | Conforms to Structure                        | Conforms to Structure                        |



John Su  
 QA & QC Manager