

## Certificate of Analysis

Date of Testing: 2024-11-01 10:45:23  
 Date of Next Testing: 2025-11-01 10:45:23  
 Product Name: **1,1-Diphenyl-2-picrylhydrazyl Free Radical (DPPH)**  
 CAS Number: 1898-66-4  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: J2429458  
 SKU #: **D273092**  
 Version: **2**  
 Analysis #: **421221**  
 Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Desiccated

| Parameter           | Limit Values                                        | Result                                              |
|---------------------|-----------------------------------------------------|-----------------------------------------------------|
| Purity(HPLC)        | 97-100 (%)                                          | 97.95700 %                                          |
| Appearance(D273092) | Green to Very Dark Green to Black powder to crystal | Green to Very Dark Green to Black powder to crystal |
| Infrared spectrum   | Conforms to Structure                               | Conforms to Structure                               |



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QA & QC Manager