

## Certificate of Analysis

Date of Testing: 2023-06-29 14:15:02

Date of Next Testing: 2027-06-28 14:15:02

Product Name: **N,N'-Diphenylbenzidine**

CAS Number: 531-91-9

Specifications & Purity: 98%

Lot #: F2316970

SKU #: **D113484**

**Analysis:** **246127**

Storage Temperature: Protected from light, Room temperature

| Parameter            | Limit Values                                             | Result                                                   |
|----------------------|----------------------------------------------------------|----------------------------------------------------------|
| Melting point        | 246-252 (°C)                                             | 249.77000 °C                                             |
| Purity(HPLC)         | 98-100 (%)                                               | 98.44900 %                                               |
| Appearance (D113484) | White to Green to Beige to Grey<br>Powder,crystal,Chunks | White to Green to Beige to Grey<br>Powder,crystal,Chunks |
| Proton NMR spectrum  | Conforms to Structure                                    | Conforms to Structure                                    |
| Solubility in THF    | almost transparency                                      | almost transparency                                      |



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