

## Certificate of Analysis

Date of Testing: 2024-11-25 18:38:10  
Date of Next Testing: 2026-11-15 18:38:10  
Product Name: **3,3'-Dimethoxybenzidine**  
CAS Number: 119-90-4  
Specifications & Purity:  $\geq 97\%$   
Lot #: K2419511  
SKU #: **D104001**  
Version: **0**  
Analysis #: **350556**  
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Melting point	136-140 (°C)	137.60000 °C
Carbon by Elemental Analysis	66.5-70.2 (%)	68.10 %
Purity(HPLC)	97-100 (%)	97.20000 %
Nitrogen by Elemental Analysis	10.9-11.7 (%)	11.40 %
Appearance (D104001)	Grey to Yellow to Brown and Pink Powder or Crystal	Grey to Yellow to Brown and Pink Powder or Crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Ethyl Acetate , Light Yellow to Brown pass and Pink, Clear, 10 mg/ml		Pass



John Su  
QA & QC Manager