

## Certificate of Analysis

Date of Testing: 2024-04-10 10:33:35  
Date of Next Testing: 2026-03-31 10:33:35  
Product Name: **4-Bromo-N,N-dimethylaniline**  
CAS Number: 586-77-6  
Specifications & Purity: 98%  
Lot #: D2403180  
SKU #: **B120305**  
**Analysis:** **330610**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.70%
Purity(O <sub>2</sub> AgNO <sub>3</sub> titration with after combustion)	97.5-102.5 (%)	98.01%
Melting point	52-56 (°C)	53.10000 °C
Appearance (B120305)	White to Grey to Blue Powder, Crystals or Chips	White to Grey to Blue Powder, Crystals or Chips
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su  
QA & QC Manager