

## Certificate of Analysis

Date of Testing: 2025-02-07 16:17:08  
Date of Next Testing: 2028-02-07 16:17:08  
Product Name: **Acid Blue 25**  
CAS Number: 6408-78-2  
Specifications & Purity: Dye content 45 %  
Lot #: A2521093  
SKU #: **A304256**  
Version: **1**  
Analysis #: **458978**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	≥ 24.8 (%)	50.83 %
Nitrogen by Elemental Analysis	≥ 2.9 (%)	4.81 %
Extinction Coefficient (599 - 605 nm, c=0.03g/L H <sub>2</sub> O)	≥5000	10006.99933
Extinction Coefficient(254 - 260 nm, c=0.03g/L H <sub>2</sub> O)	≥10000	23289.52133
Infrared spectrum	Conforms to Structure	Conforms to Structure



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