

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-29 13:25:50  
Date of Next Testing: 2028-02-28 13:25:50  
Product Name: **Octadecylamine**  
CAS Number: 124-30-1  
Specifications & Purity:  $\geq 90\%$   
Lot #: B24231055  
SKU #: **O108435**  
Version: **0**  
Analysis #: **318357**  
Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity(GC)	90-100 (%)	96.13600 %
Purity(Titration by HClO <sub>4</sub> )	89-111 (%)	97.58000 %
Carbon by Elemental Analysis	71.4-89 (%)	80.27800 %
Melting point	50-60 (°C)	57.66000 °C
Nitrogen by Elemental Analysis	4.6-5.8 (%)	5.27300 %
Appearance (O108435)	White Solid	White Solid
Solubility(C=5%,CHCl <sub>3</sub> )	Colorless to Pale Yellow, Clear to Slightly Hazy	Colorless to Pale Yellow, Clear to Slightly Hazy



John Su  
QA & QC Manager