

Certificate of Analysis

Date of Testing: 2022-11-19 17:07:52
Date of Next Testing: 2024-11-18 17:07:52
Product Name: **5-Bromovaleryl chloride**
CAS Number: 4509-90-4
Specifications & Purity: >95.0%(T)
Lot #: A2106063
SKU #: **B138857**
Analysis: **144016**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.49-1.494	1.49
Density (20°C)	1.505-1.514	1.51
Purity (Argentometric Titration)	94.5-105.5 (%)	101.83 %
Purity(GC)	94-100 (%)	95.39 %
Appearance (B138857)	Colorless to pale brown liquid	Colorless to pale brown liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager