

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-18 10:37:41  
Date of Next Testing: 2025-07-07 10:37:41  
Product Name: **5-Bromo-2-thiophenecarboxaldehyde**  
CAS Number: 4701-17-1  
Specifications & Purity: 97%  
Lot #: G2311184  
SKU #: **B101864**  
**Analysis:** **253193**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.75-1.765	1.75
Refractive index n <sub>20</sub> /D	1.637-1.641	1.64
Purity(GC)	97-100 (%)	98.76%
Appearance (B101864)	Yellow or Green or Brown liquid or Solid	Yellow or Green or Brown liquid or Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager