

## Certificate of Analysis

Date of Testing: 2025-08-11 15:55:59  
Date of Next Testing: 2027-08-01 15:55:59  
Product Name: **tert-Butyl bromide**  
CAS Number: 507-19-7  
Specifications & Purity:  $\geq 98\%$ (GC), contains 0.5% potassium carbonate as stabilizer  
Lot #: B2209519  
SKU #: **B105785**  
Version: **1**  
Analysis #: **552471**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Density (20°C)	1.219-1.228	1.22
Purity(GC)	98-100 (%)	98.40 %
Refractive index n <sub>20</sub> /D	1.426-1.429	1.43
Appearance (B105785)	Colorless to Orange Liquid	Colorless to Orange Liquid
Stabilizer (0.5% K <sub>2</sub> CO <sub>3</sub> )	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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