

## Certificate of Analysis

Date of Testing: 2024-05-13 09:33:16  
Date of Next Testing: 2027-05-13 09:33:16  
Product Name: **N-Phenacylthiazolium bromide**  
CAS Number: 5304-34-7  
Specifications & Purity:  $\geq 97\%$   
Lot #: D2430114  
SKU #: **N345356**  
**Analysis:** **342935**  
Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.95 %
Carbon by Elemental Analysis	44.15-47.84 (%)	46.11 %
Nitrogen by Elemental Analysis	4.68-5.07 (%)	4.98 %
LC-MS for identification	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager