

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-05 13:12:09  
Date of Next Testing: 2027-01-04 13:12:09  
Product Name: **3-Benzyl-5-(2-hydroxyethyl)-4-methylthiazolium chloride**  
CAS Number: 4568-71-2  
Specifications & Purity: 98%  
Lot #: C1914031  
SKU #: **B109624**  
**Analysis:** **174497**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	97.90 %
Melting point	142-145 (°C)	143.60000 °C
Appearance (B109624)	White to light orange powder,crystals and/or chunk	White to light orange powder,crystals and/or chunk
Solubility in H2O	Almost transparency	almost transparency
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager