

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-18 09:54:00
 Date of Next Testing: 2028-01-17 09:54:00
 Product Name: **Ethyl benzothiazole-2-carboxylate**
 CAS Number: 32137-76-1
 Specifications & Purity: $\geq 98\%$
 Lot #: A2408825
 SKU #: **E119088**
 Version: **1**
 Analysis #: **298600**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfur by Elemental Analysis	14.9-16.1 (%)	15.29400 %
Carbon by Elemental Analysis	55.9-60 (%)	57.69300 %
Nitrogen by Elemental Analysis	6.4-7.1 (%)	6.85600 %
Melting point	66-73 (°C)	72.09000 °C
Purity(GC)	98-100 (%)	98.01000 %
Appearance (E119088)	White to Tan to Pale Cream to Pale Brown Solid, Powder, Crystals and/or Chunks	White to Tan to Pale Cream to Pale Brown Solid, Powder, Crystals and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager