

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-06 12:44:09
 Date of Next Testing: 2026-12-05 12:44:09
 Product Name: **Ethyl benzothiazole-2-carboxylate**
 CAS Number: 32137-76-1
 Specifications & Purity: $\geq 98\%$
 Lot #: K22301275
 SKU #: **E119088**
 Version: **1**
 Analysis #: **136308**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	55.9-60 (%)	57.79900 %
Purity(GC)	98-100 (%)	98.39600 %
Nitrogen by Elemental Analysis	6.4-7.1 (%)	6.72100 %
Melting point	66-73 (°C)	72.73000 °C
Sulfur by Elemental Analysis	14.9-16.1 (%)	15.06000 %
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