

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-24 10:58:27
 Date of Next Testing: 2030-02-23 10:58:27
 Product Name: **3-(Trifluoromethyl)-1-methyl-1H-pyrazole-4-carboxylic acid**
 CAS Number: 113100-53-1
 Specifications & Purity: $\geq 97\%$
 Lot #: D2220130
 SKU #: **T123195**
 Version: **0**
 Analysis #: **655130**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	13.5-14.8 (%)	14.12000 %
Carbon by Elemental Analysis	35.5-37.5 (%)	37.40000 %
Purity (Titration by NaOH)	96.5-103.5 (%)	99.50000 %
Purity(GC)	97-100 (%)	97.00210 %
Appearance (T123195)	White to Tan Powder or Crystals or chunrks	White to Tan Powder or Crystals or chunrks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager