

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-11-04 16:07:52

Date of Next Testing: 2025-11-03 16:07:52

Product Name: **2,3-Dichloropyrazine**

CAS Number: 4858-85-9

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: J2129599

SKU #: **D123437**

Version: **2**

Analysis #: **047452**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.10600 %
Carbon by Elemental Analysis	31.2-32.3 (%)	32.05000 %
Nitrogen by Elemental Analysis	18.1-19 (%)	18.95000 %
Purity(O2 AgNO3 titration with after combustion)	97.5-102.5 (%)	98.00000 %
Appearance (D123437)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager