

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-04 17:29:34

Date of Next Testing: 2024-12-24 17:29:34

Product Name: **2-Butenenitrile**

CAS Number: 4786-20-3

Specifications & Purity: $\geq 98\%$

Lot #: A2303103

SKU #: **B111228**

Version: **0**

Analysis #: **168806**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.419-1.421	1.42010
Purity((sum of isomers)(GC)	98-100 (%)	99.86700 %
Density (20°C)	0.824-0.826	0.82500
Appearance (B111228)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager