

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-01 14:56:16

Date of Next Testing: 2027-11-30 14:56:16

Product Name: **1,7-Diaminoheptane**

CAS Number: 646-19-5

Specifications & Purity: 98%

Lot #: K2327061

SKU #: **D111099**

Analysis: **294401**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	26-30 (°C)	29.58000 °C
Water by Karl Fischer	0-2 (%)	1.03 %
Purity(Neutralization titration)	98-100 (%)	98.86 %
Purity(GC)	98-100 (%)	99.09 %
Appearance (D111099)	White or Colorless Solid or Lliquid	White or Colorless Solid or Lliquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager