

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-11-27 18:00:16
Date of Next Testing:	2028-11-26 18:00:16
Product Name:	1,1'-(Piperazine-1,4-diyl)diethanone
CAS Number:	18940-57-3
Specifications & Purity:	≥95%
Lot #:	K2525554
SKU #	D695217
Version	1
Analysis #:	584740
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.47100 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms

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

John Su
QA & QC Manager