

Certificate of Analysis

Date of Testing: 2023-02-20 14:16:16

Date of Next Testing: 2027-02-19 14:16:16

Product Name: **4-Chloropiperidine**

CAS Number: 5382-18-3

Specifications & Purity: >97.0%(GC)

Lot #: B2311512

SKU #: **C153867**

Version

Analysis #: **190467**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.09-1.096	1.09
Purity(GC)	97-100 (%)	99.55 %
Refractive index n _{20/D}	1.488-1.492	1.49
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager