

Certificate of Analysis

Date of Testing: 2025-08-19 15:10:32

Date of Next Testing: 2028-08-18 15:10:32

Product Name: **1,5-Dihydro-pyrrol-2-one ((mixture of isomers))**

CAS Number: 4031-15-6

Specifications & Purity: $\geq 90\%$, mixture of isomers

Lot #: K2209569

SKU #: **D344952**

Version: **2**

Analysis #: **557019**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC,total of isomers)	90-100 (%)	93.38500 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Carbon NMR Spectrum	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager