

Certificate of Analysis

Date of Testing: 2023-08-19 13:07:12
Date of Next Testing: 2026-08-18 13:07:12
Product Name: **(S)-3-Amino-2-piperidone hydrochloride**
CAS Number: 42538-31-8
Specifications & Purity: 95%
Lot #: H2314218
SKU #: **I170302**
Analysis: **257078**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|--|--|
| Specific Rotation [α] ₂₀ /D(c=0.6 in MeOH) | 16-17 (°) | 16.74° |
| Purity(Titration by AgNO ₃) | 94-106 (%) | 104.61 % |
| Appearance (I170302) | White to Light Yellow Powder or Chunks | White to Light Yellow Powder or Chunks |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager