

## Certificate of Analysis

Date of Testing: 2023-06-06 17:29:03

Date of Next Testing: 2027-06-05 17:29:03

Product Name: **(S)-3-Hydroxypiperidine hydrochloride**

CAS Number: 475058-41-4

Specifications & Purity: 98%

Lot #: E23301247

SKU #: **H119141**

**Analysis:** **235817**

Storage Temperature: Argon charged

| Parameter                                                | Limit Values                       | Result                             |
|----------------------------------------------------------|------------------------------------|------------------------------------|
| Purity(HPLC)                                             | 98-100 (%)                         | 99.97400 %                         |
| Total impurities                                         | 0-2.5 (%)                          | 0.03 %                             |
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$ | -8--5 (°)                          | -7.11 °                            |
| Appearance (H119141)                                     | White to Off-White Powder or Solid | White to Off-White Powder or Solid |
| Proton NMR spectrum                                      | Conforms to Structure              | Conforms to Structure              |



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