

## Certificate of Analysis

Date of Testing: 2025-08-27 09:17:54  
Date of Next Testing: 2029-08-26 09:17:54  
Product Name: **Nicotinic hydrazide**  
CAS Number: 553-53-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: H2515150  
SKU #: **N109733**  
Version: **0**  
Analysis #: **564779**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                             | Limit Values                                  | Result                                        |
|-------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(HPLC)                                          | 98-100 (%)                                    | 98.60400 %                                    |
| Melting point                                         | 159-164 (°C)                                  | 163.68000 °C                                  |
| Appearance (N109733)                                  | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Infrared spectrum                                     | Conforms to Structure                         | Conforms to Structure                         |
| Solubility in H <sub>2</sub> O , Solution transparent | pass                                          | Pass                                          |



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