

## Certificate of Analysis

Date of Testing: 2024-11-21 13:44:53

Date of Next Testing: 2026-11-11 13:44:53

Product Name: **N-Allyl-N'-(2-hydroxyethyl)thiourea**

CAS Number: 105-81-7

Specifications & Purity:  $\geq 98\%$

Lot #: E2114055

SKU #: **N101905**

Version **0**

Analysis #: **434641**

| Parameter                                  | Limit Values          | Result                |
|--------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                               | 98-100 (%)            | 100.00000 %           |
| Carbon by Elemental Analysis               | 43.9-45.2 (%)         | 43.90 %               |
| Nitrogen by Elemental Analysis (anhydrous) | 16.6-17.6 (%)         | 16.60 %               |
| Melting point                              | 77-81 (°C)            | 80.72000 °C           |
| Proton NMR spectrum                        | Conforms to Structure | Conforms to Structure |
| Solubility in hot H2O                      | almost transparency   | almost transparency   |



John Su  
QA & QC Manager