

## Certificate of Analysis

Date of Testing: 2024-06-24 11:35:53  
Date of Next Testing: 2028-06-23 11:35:53  
Product Name: **Guanidine Hydrochloride**  
CAS Number: 50-01-1  
Specifications & Purity: 99.5%  
Lot #: F2414289  
SKU #: **G108674**  
Version: **0**  
Analysis #: **374987**  
Storage Temperature: Room temperature

| Parameter  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Purity(Titration)                                      | 99.5-100.5 (%)        | 100.43 %              |
| Loss on drying   | 0-0.05 (%)            | 0.01 %                |
| Ignition Residue (as sulfate)                          | 0-0.05 (%)            | 0.03 %                |
| Appearance (G108674)                                   | white powder          | White powder          |
| Infrared spectrum                                      | Conforms to Structure | Conforms to Structure |
| Insoluble matter                                       | pass                  | Pass                  |
| Solubility in H <sub>2</sub> O , Colorless, Clear, 6 M | pass                  | Pass                  |



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