

## Certificate of Analysis

Date of Testing: 2024-08-19 16:42:43  
Date of Next Testing: 2027-08-19 16:42:43  
Product Name: **1-(4-Chlorophenyl)biguanide hydrochloride**  
CAS Number: 4022-81-5  
Specifications & Purity:  $\geq 95\%$   
Lot #: H2409305  
SKU #: **B697774**  
Version: **1**  
Analysis #: **377482**

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	94.5-105.5 (%)	102.35 %
Melting point	236-245 (°C)	244.97000 °C
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager