



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product	37567 - Guanine Hydrochloride extrapure, 98% - [635-39-2]
Batch No	7104376
Analysis Date	10-Aug-2021
Date of Manufacture	August 2021
Expiry Date/Re-Test Date	August 2026
Molecular Formula	C ₅ H ₅ N ₅ O.HCl
Molecular Weight	187.59

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Assay	min. 98%	99.9%
Loss on drying	max. 2%	1.9%
Absorbance (A) of 0.001% solution in 0.1N HCl in a 1cm cell		
Spectral Ratio (A250nm/A260nm)	1.31 - 1.43	1.38
Spectral Ratio (A280nm/A260nm)	0.82 - 0.86	0.82
Spectral Ratio (A290nm/A260nm)	0.45 - 0.53	0.49

FRM/82/11/4/37567 Rev No. 1 Date 22/12/2020

Prepared by Nishant

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

[an ISO 9001-2015 Certified Company](#)

This COA has been generated electronically and it is valid without signature.