



**SISCO  
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PVT. LTD.**

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## Certificate of Analysis

**Product**

**82407 - Acridine Orange Hydrochloride Hydrate for  
molecular biology, 99% - [65-61-2]**

**Batch No**

**1041958**

**Analysis Date**

03-Dec-2023

**Date of Manufacture**

December 2023

**Expiry Date/Re-Test Date**

December 2028

**Molecular Formula**

C<sub>17</sub>H<sub>19</sub>N<sub>3</sub>.HCl.xH<sub>2</sub>O

**Molecular Weight**

301.81

Test Parameters	Standards	Actual Results
Appearance (Colour)	Brown	Brown
Appearance (Form)	Powder	Powder
Assay (UV)	min. 99%	99.6%
Molar Extinction coefficient ( $\epsilon$ ) in water at 491nm	~ 35000	34856
Loss on drying	max. 20%	5.6%

FRM/82/11/4/82407 Rev No. 1 Date 07/06/2019

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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

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