



**SISCO  
RESEARCH  
LABORATORIES  
PVT. LTD.**

[www.srlchem.com](http://www.srlchem.com)

## Certificate of Analysis

<b>Product</b>	<b>20748 - Xanthine extrapure CHR, 99% - [69-89-6]</b>
<b>Batch No</b>	<b>2680557</b>
<b>Analysis Date</b>	23-Jan-2024
<b>Date of Manufacture</b>	January 2024
<b>Expiry Date/Re-Test Date</b>	January 2029
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>4</sub> N <sub>4</sub> O <sub>2</sub>
<b>Molecular Weight</b>	152.11

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white to pale yellow	Off-white
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 1% solution in 0.1N NaOH	Clear	Clear
Solubility (Colour) 1% solution in 0.1N NaOH	Colourless to Pale yellow	Colourless
Assay (HPLC)	min. 99.0%	99.1%
Loss on drying	max. 1%	0.4%
Sulphated Ash	max. 0.1%	0.02%

FRM/82/11/4/20748 Rev No. 3 Date 08/02/2024

Prepared by **Prajakta**

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

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

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