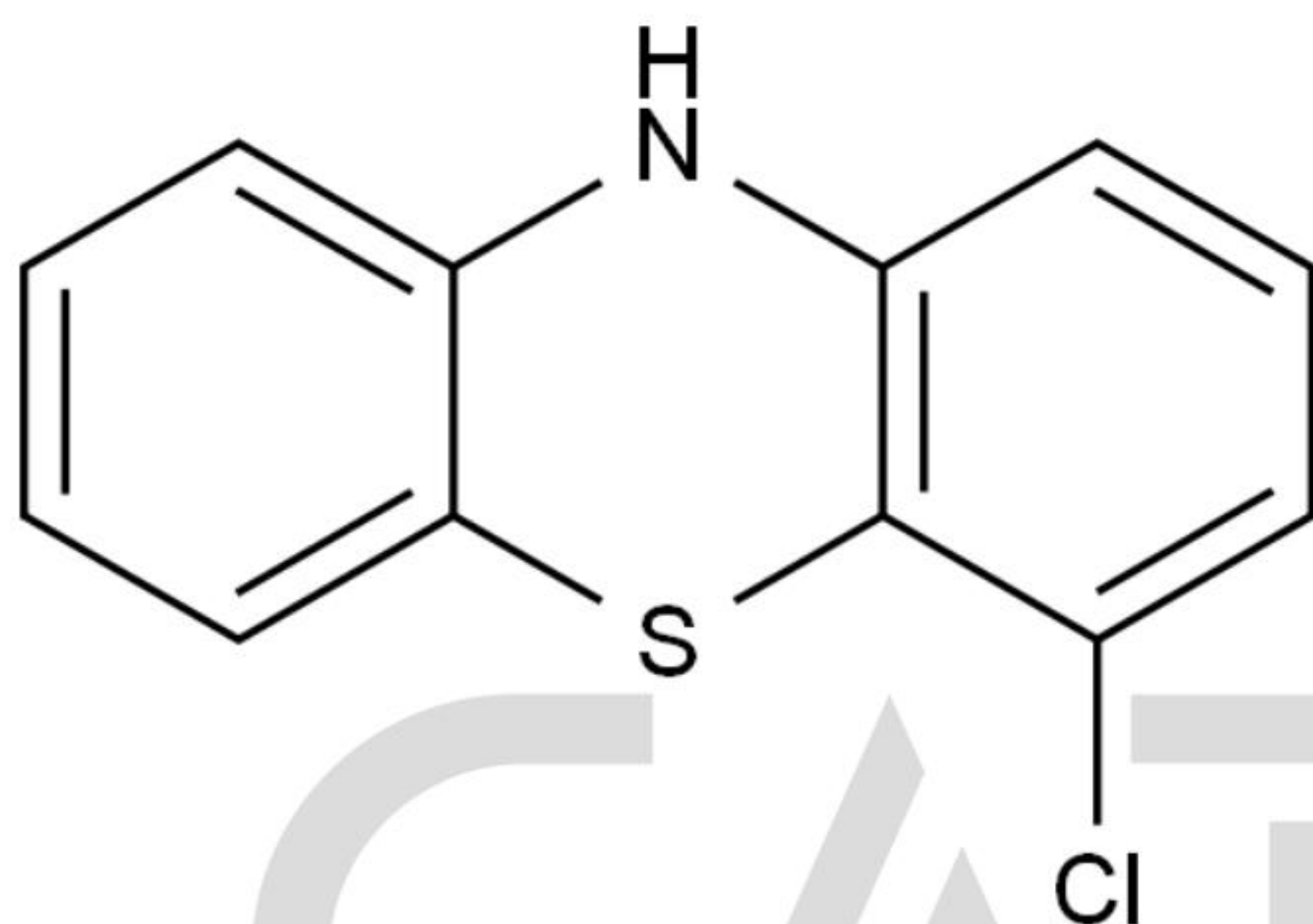


Certificate of Analysis

Reference Material

Product Name:	4-Chlorophenothiazine	Catalogue Number:	C4X-19661
Chemical Name:	N/A	Lot Number:	0628-RD-0012
CAS Number:	7369-69-9	Expiry Date:	Jun 24, 2024
Molecular Formula:	C ₁₂ H ₈ ClNS	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	233.72		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Beige Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	97.85%
Loss On Drying	TGA	0.3639%
Assay		97.5%

Comment:

The calculation of the 100% method follows the formula:

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Debia

Reviewed by:

Cady

Aporoved by General manager:

David

Date: Jun 29, 2021

Date: Jun 30, 2022

Date: Jun 30, 2022

Tel: +86-20-81960175

Fax: +86-20-81717260

Email: supports@cato-chem.com

Web: www.cato-chem.com

Add: Room 101, Building B, No.179, Guangpu East Road, Huangpu District, Guangzhou(Location: Room 301, Room 401, Room 501)

