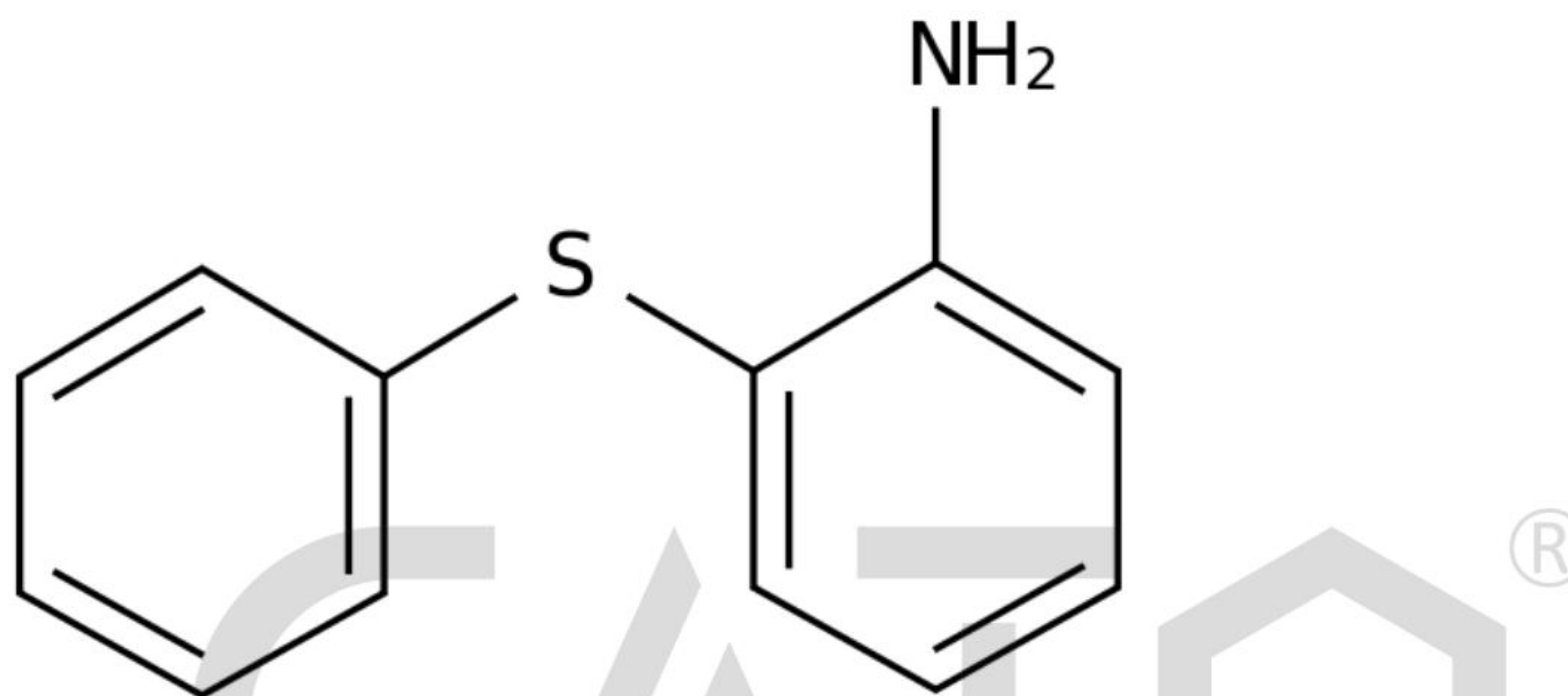


Certificate of Analysis

Reference Material

Product Name:	Quetiapine Impurity 50	Catalogue Number:	C4X-124450
Chemical Name:	2-Aminodiphenyl Sulfide	Lot Number:	1-F-208
CAS Number:	1134-94-7	Expiry Date:	Oct 31, 2024
Molecular Formula:	C ₁₂ H ₁₁ NS	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	201.29		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Gray Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0000%
Water Content	Karl Fischer	0.9363%
Assay		99.1%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nacy

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Nov 01, 2021

Date: Apr 12, 2023

Date: Apr 12, 2023

