

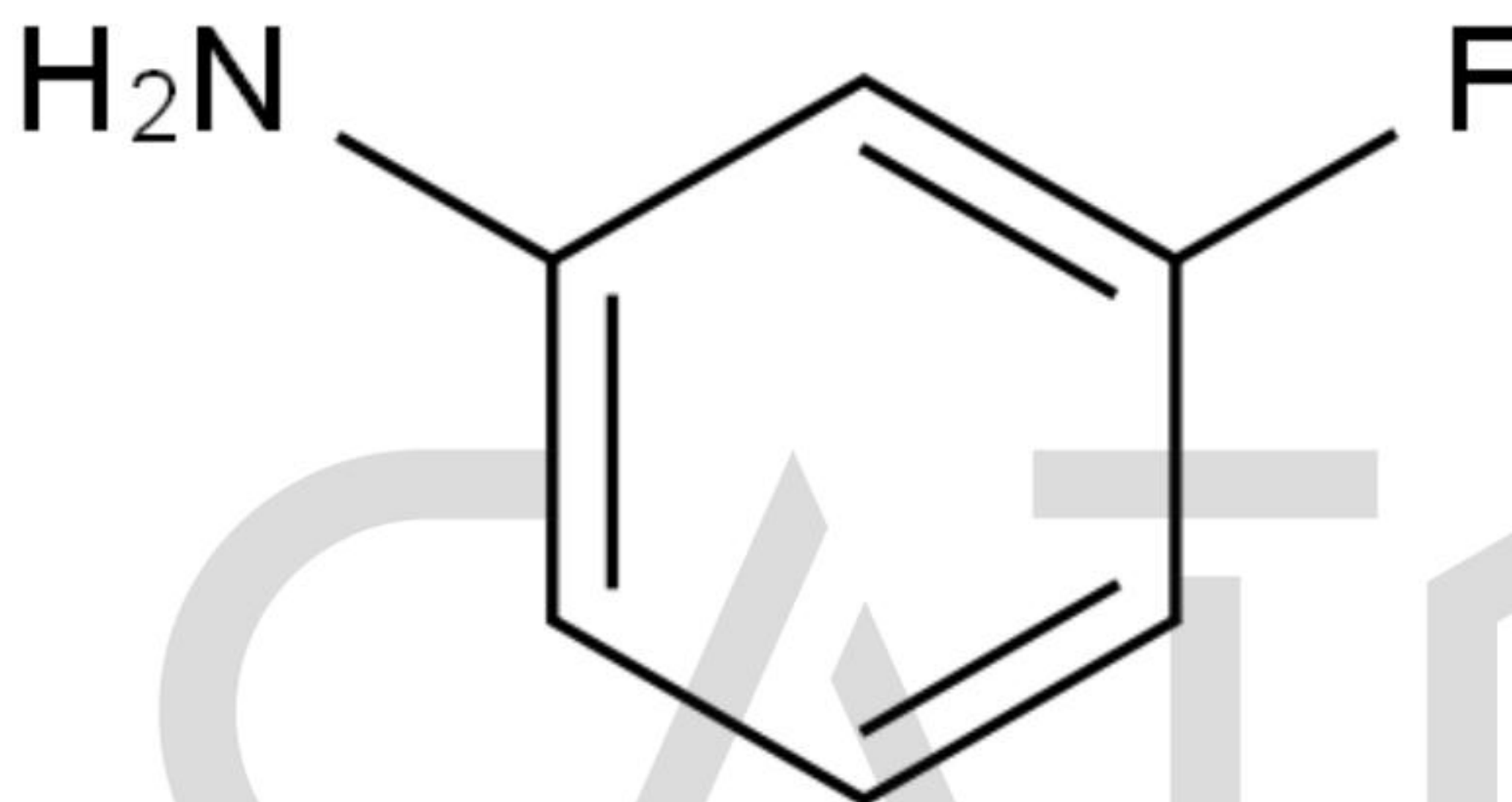
Certificate of Analysis

Reference Material & Standard

Product Name:	Afatinib Impurity 37	Catalogue Number:	C4X-100637
Synonyms:	3-Fluoroaniline	Lot Number:	0624-RF-0064
CAS Number:	372-19-0	Expiry Date:	Jun 24, 2027
Molecular Formula:	C ₆ H ₆ FN	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	111.12	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.471%
Water Content	Karl Fischer	0.2198%
Assay		99.3%

Comment:

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

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

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 25, 2024

Date: Jun 25, 2024

Date: Jun 25, 2024

