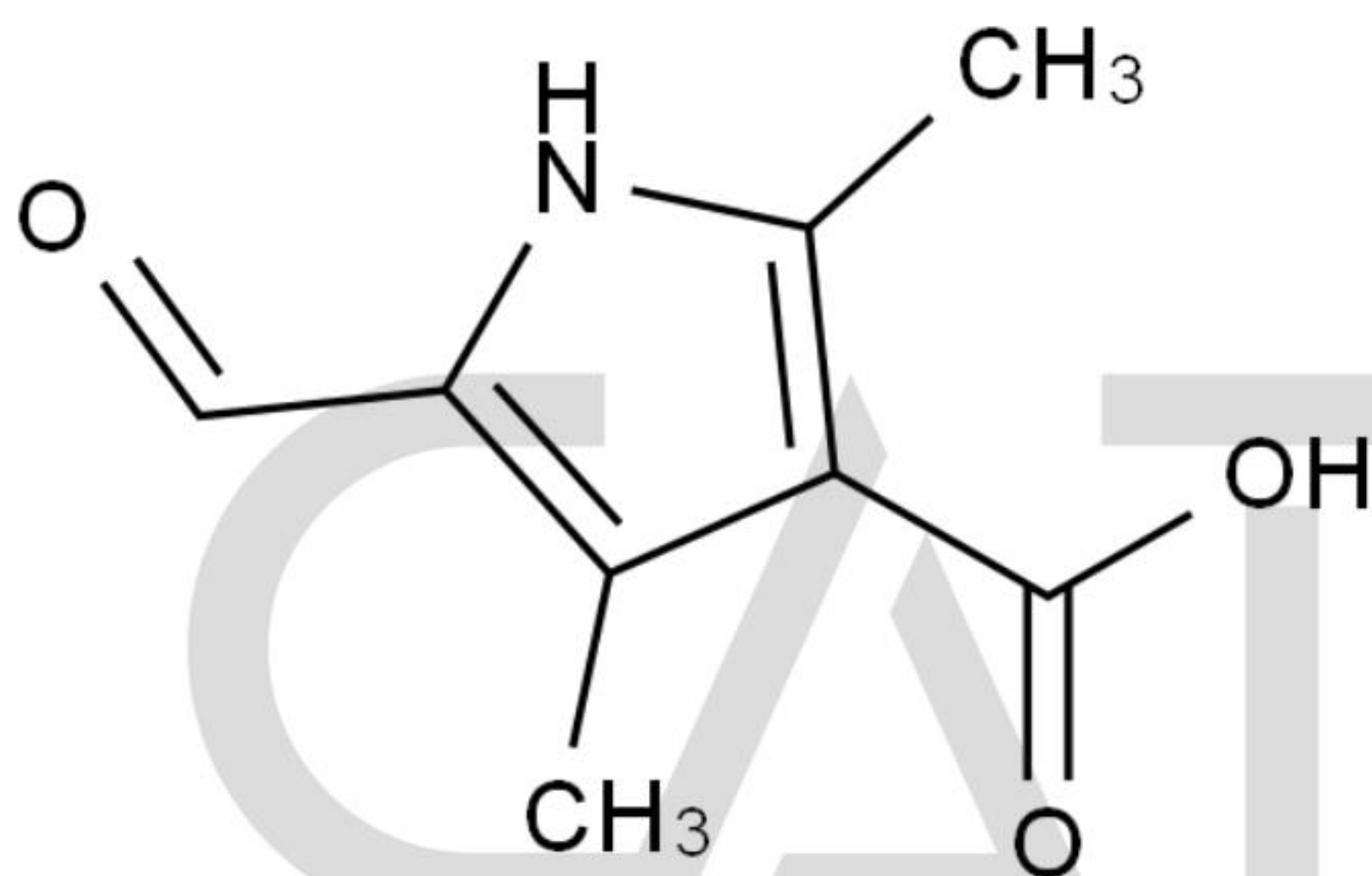


Certificate of Analysis

Reference Material & Standard

Product Name:	Sunitinib Impurity 51	Catalogue Number:	C4X-133351
Synonyms:	5-Formyl-2,4-dimethyl-3-pyrrolicarboxylic Acid	Lot Number:	0417-RG-0090
CAS Number:	253870-02-9	Expiry Date:	Apr 21, 2028
Molecular Formula:	C ₈ H ₉ NO ₃	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	167.16	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.967%
Loss On Drying	TGA	0.8520%
Assay		99.1%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 22, 2025

Date: Apr 22, 2025

Date: Apr 22, 2025

