

Certificate of Analysis

Reference Material & Standard

Product Name:	Parecoxib Impurity 25	Catalogue Number:	C4X-159125
Synonyms:	N/A	Lot Number:	1121-RE-0063
CAS Number:	1884279-18-8	Expiry Date:	May 23, 2026
Molecular Formula:	C ₁₈ H ₁₇ NO ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	343.40		

Warning:



Chemical Structure: N/A

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.185%
Water Content	Karl Fischer	0.30%
Residual Solvents	NMR	0.29% dioxane
Assay		95.6%

Comment:

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

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

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Nov 21, 2023

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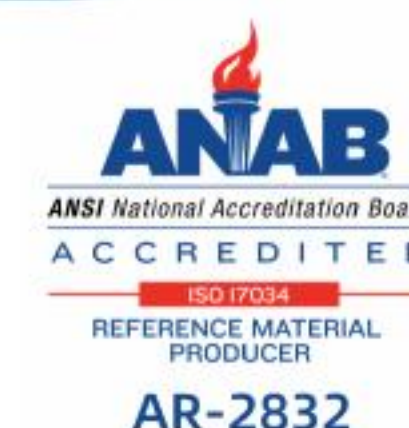
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