

Certificate of Analysis

Reference Material & Standard

Product Name:	Fenbufen	Catalogue Number:	C4X-1939
Synonyms:	N/A	Lot Number:	1031-RF-0061
CAS Number:	36330-85-5	Expiry Date:	Nov 03, 2027
Molecular Formula:	C ₁₆ H ₁₄ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	254.28	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.779%
Residue on Ignition	TGA	0.1368%
Loss On Drying	TGA	0.0017%
Assay		99.6%

Comment:

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

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

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Nov 04, 2024

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Date: Nov 04, 2024

