

Certificate of Analysis

Reference Material & Standard

Product Name:	Repaglinide	Catalogue Number:	CCAD300760
Synonyms:	N/A	Lot Number:	1008-RA-0012
CAS Number:	135062-02-1	Expiry Date:	Jul 19, 2026
Molecular Formula:	$C_{27}H_{36}N_2O_4$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	452.59		

Warning:



Chemical Structure: N/A

Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.1050%
Assay		99.9%
Uncertainty		±2.0%

Comment:

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

$$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.
- The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Debia

Reviewed by:

Xenia

Approved by General Manager:

David

Date: Jul 20, 2022

Date: Jul 21, 2022

Date: Jul 21, 2022



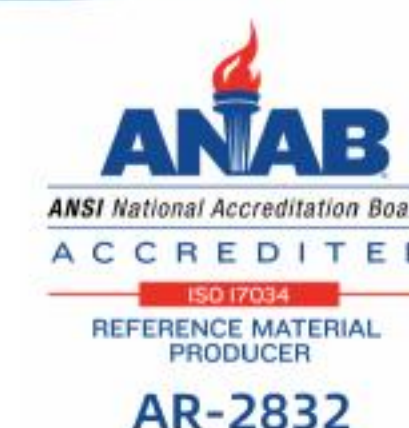
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