

Certificate of Analysis

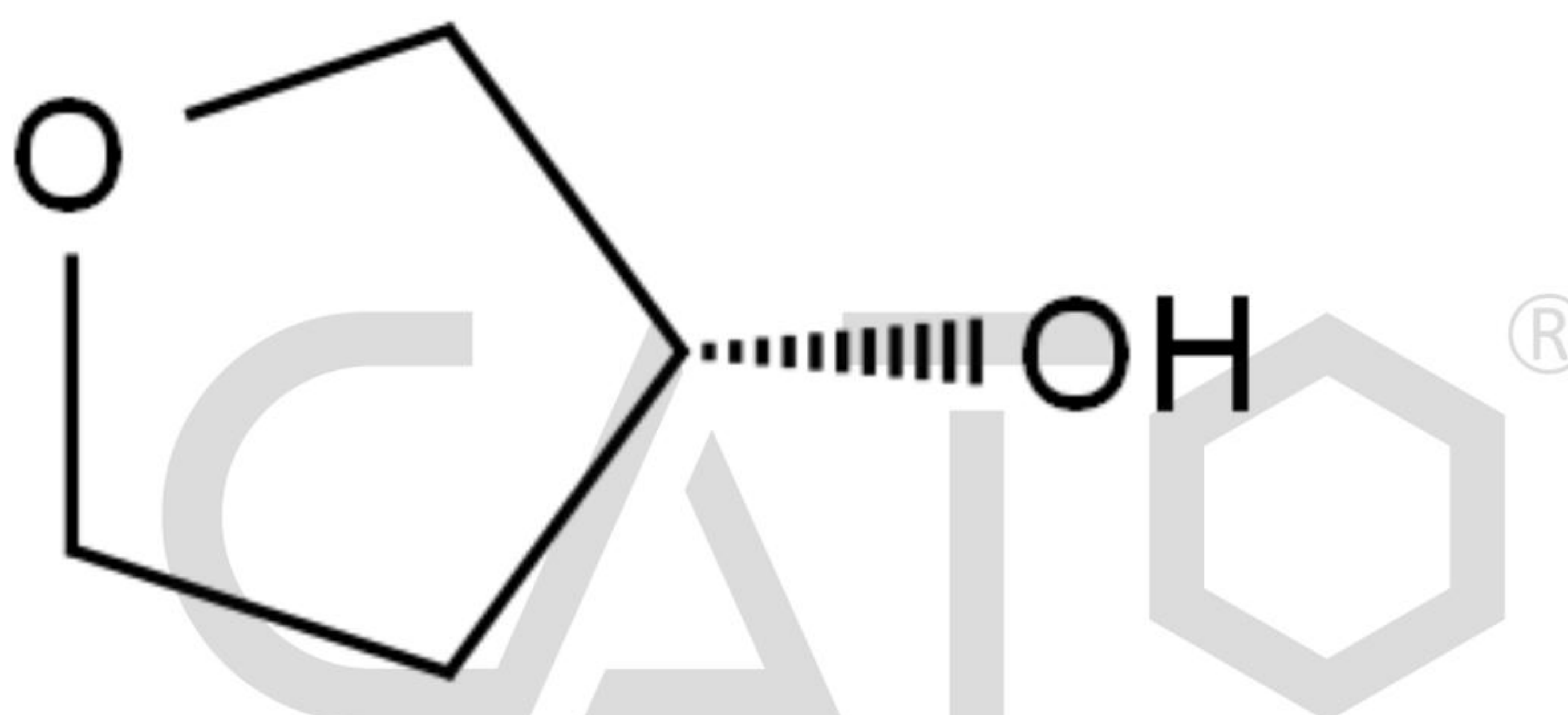
Reference Material & Standard

Product Name:	Empagliflozin Impurity 30	Catalogue Number:	C4X-106530
Synonyms:	N/A	Lot Number:	0916-RH-0093
CAS Number:	86087-24-3	Expiry Date:	Sep 29, 2030
Molecular Formula:	C ₄ H ₈ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	88.11	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&IR&HNMR	Confirmed
Purity	GC	99.713%
Water Content	Karl Fischer	0.8281%
Assay	Mass Balance	98.9%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity GC (\%)} / 100\%$

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: Sep 30, 2026

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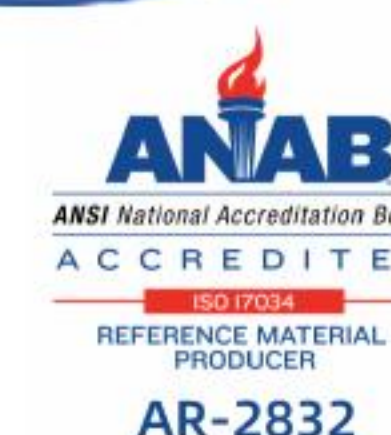
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