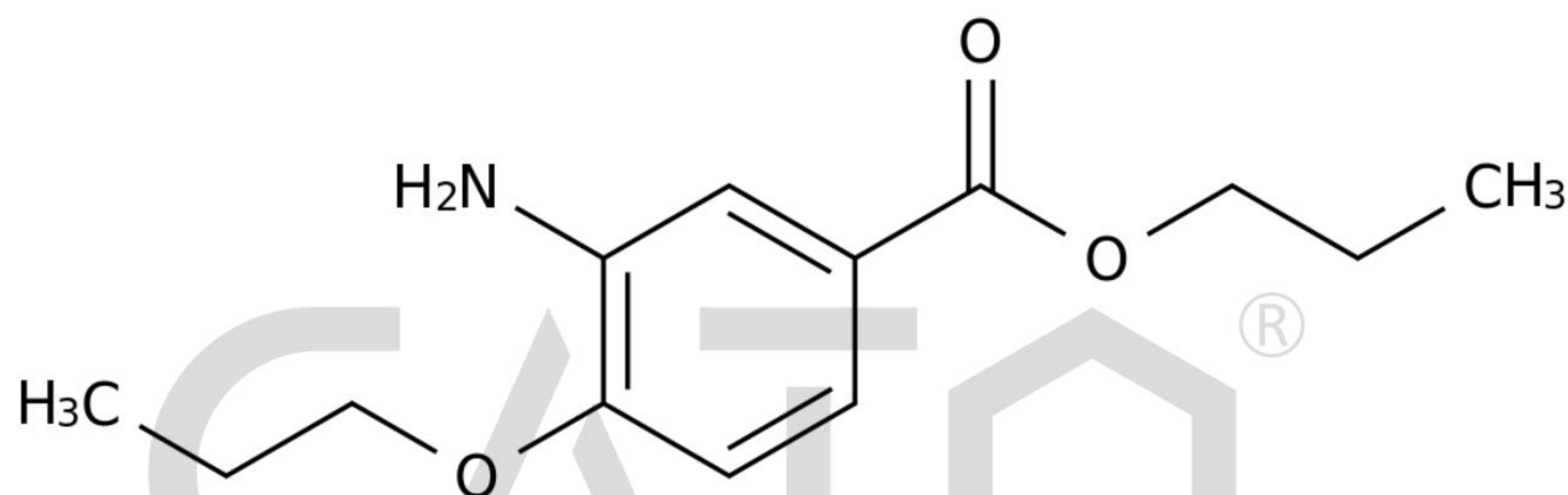


Certificate of Analysis

Reference Material & Standard

Product Name:	Proparacaine Impurity 20	Catalogue Number:	C4X-202720
Synonyms:	N/A	Lot Number:	1014-RC-0019
CAS Number:	1216179-28-0	Expiry Date:	Oct 18, 2024
Molecular Formula:	C ₁₃ H ₁₉ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	237.29		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.0109%
Loss on Drying	TGA	0.0722%
Assay		98.9%

Comment:

The calculation of the mass balance 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:

Hinlam

Reviewed by:

Cady

Approved by General Manager:

David

Date: Oct 21, 2021

Date: Oct 21, 2021

Date: Oct 21, 2021



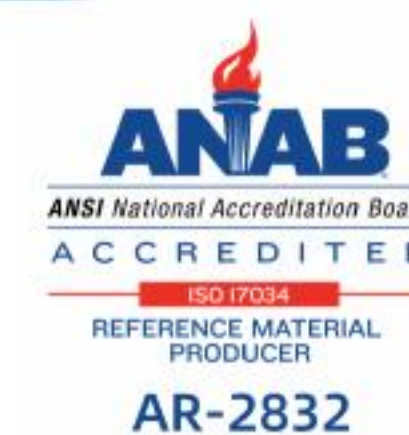
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