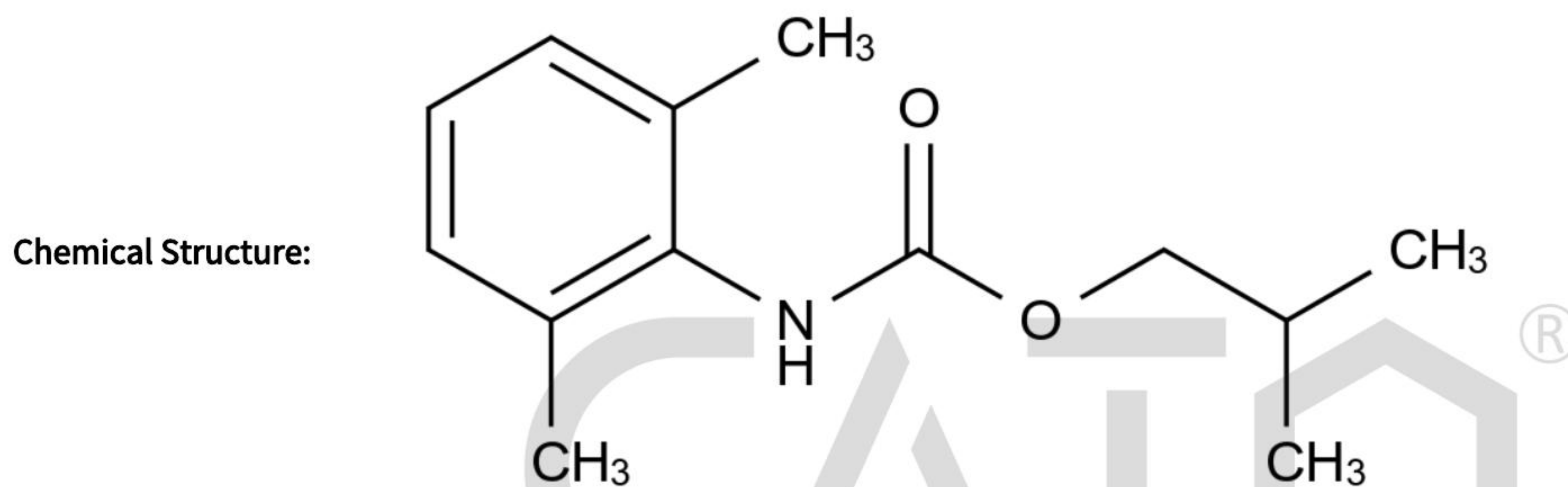


Certificate of Analysis

Reference Material & Standard

Product Name:	Bupivacaine Impurity 32	Catalogue Number:	C4X-148232
Synonyms:	N/A	Lot Number:	0604-RF-0016
CAS Number:	2199805-25-7	Expiry Date:	Jun 05, 2027
Molecular Formula:	C ₁₃ H ₁₉ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	221.30		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.497%
Loss On Drying	TGA	0.7081%
Assay		98.8%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 06, 2024

Date: Jun 06, 2024

Date: Jun 06, 2024

