

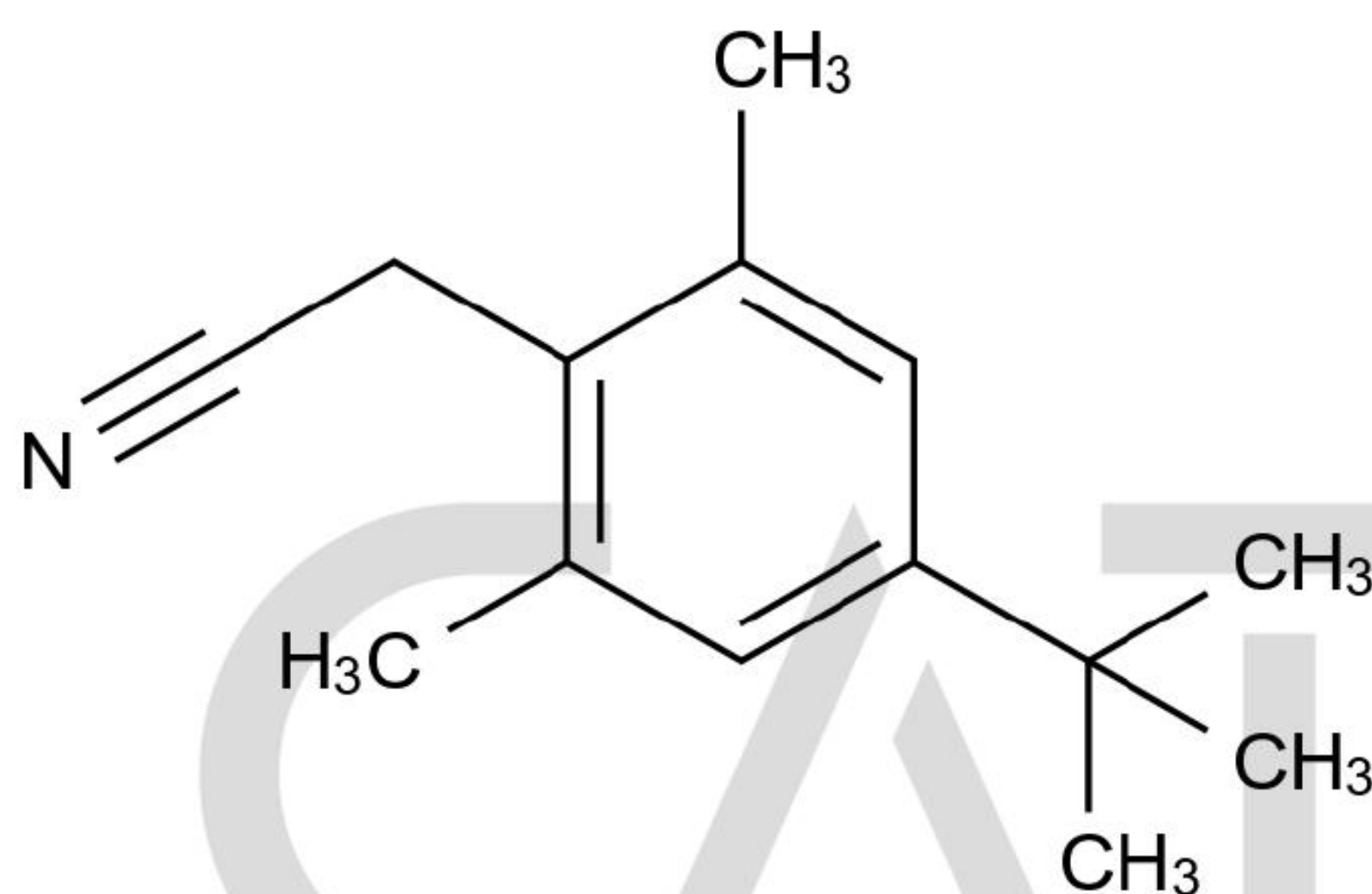
Certificate of Analysis

Reference Material & Standard

Product Name:	Xylometazoline EP Impurity C	Catalogue Number:	C4X-17824
Synonyms:	N/A	Lot Number:	0731-RG-0097
CAS Number:	84803-57-6	Expiry Date:	Aug 13, 2029
Molecular Formula:	C ₁₄ H ₁₉ N	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	201.31	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.092%
Loss On Drying	TGA	0.65%
Assay		98.4%

Comment:

The calculation of the 100% 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.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Aug 14, 2025

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