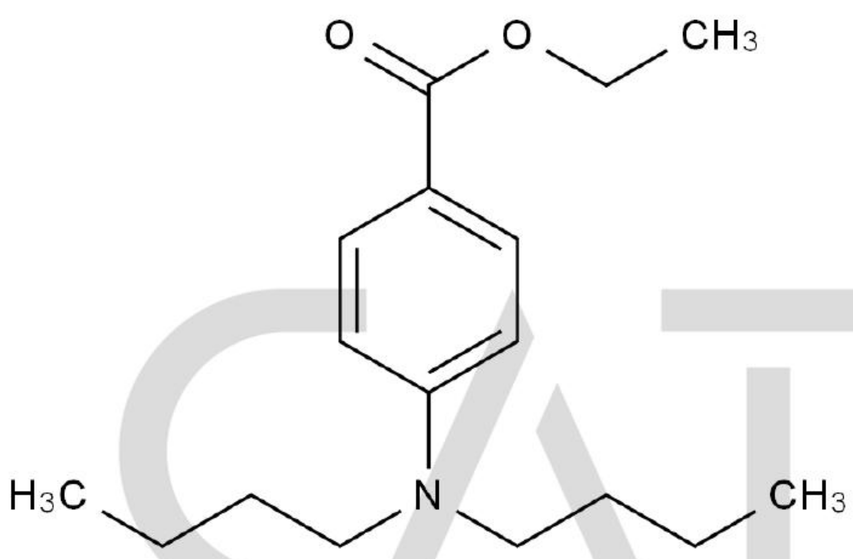
Certificate of Analysis

Reference Material & Standard

Product Name:	Tetracaine Impurity 10	**Catalogue Number:**	C4X-192310
Synonyms:	N/A	**Lot Number:**	0611-RH-0083
CAS Number:	65213-46-9	**Expiry Date:**	Jun 14, 2030
Molecular Formula:	$C_{17}H_{27}NO_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	277.40	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colorless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.502%
Loss on Drying	TGA	0.0620%
Assay		99.4%

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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: Alice Date: Jun 15, 2026

Reviewed by: Koi Date: Jun 16, 2026

Approved by General Manager: David Date: Jun 16, 2026

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