

Certificate of Analysis

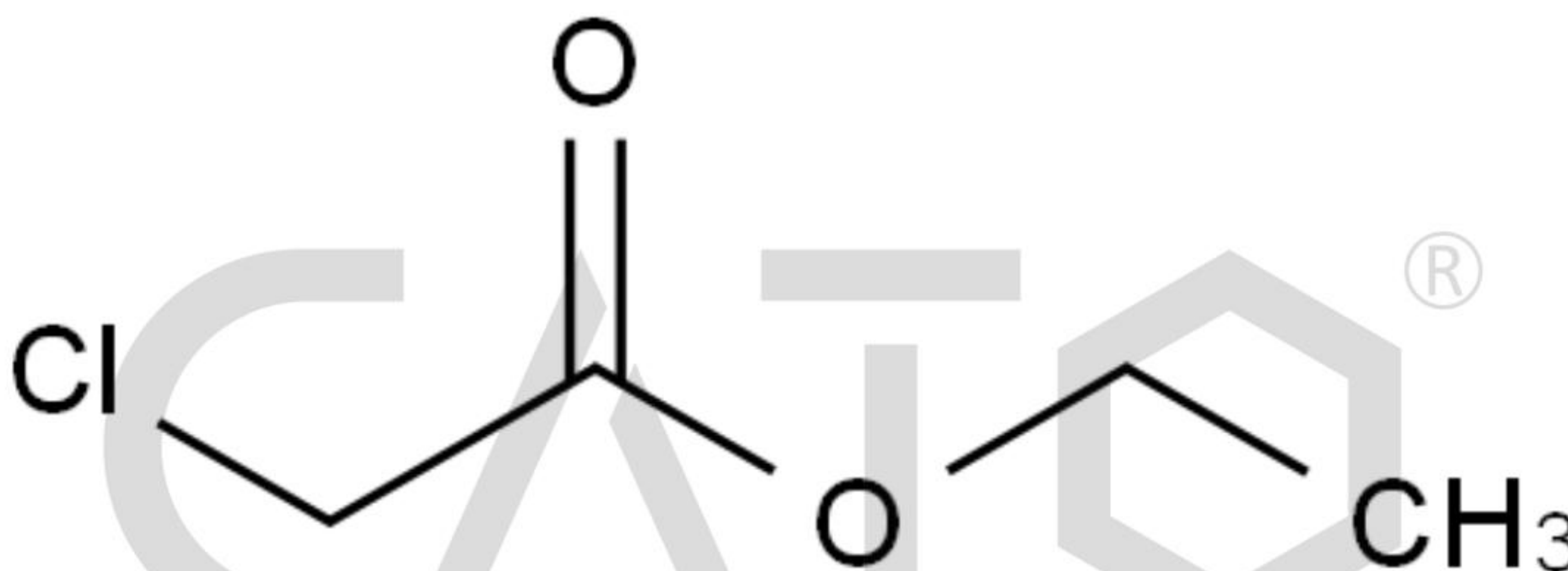
Reference Material & Standard

Product Name:	Piracetam Impurity 13	Catalogue Number:	C4X-123513
Synonyms:	Ethyl Chloroacetate	Lot Number:	0104-RH-0103
CAS Number:	105-39-5	Expiry Date:	Jan 05, 2030
Molecular Formula:	C ₄ H ₇ ClO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	122.55	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&IR&UV&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	99.2%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Feb 06, 2026

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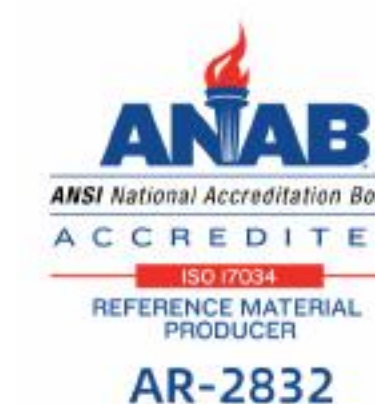
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