

Certificate of Analysis

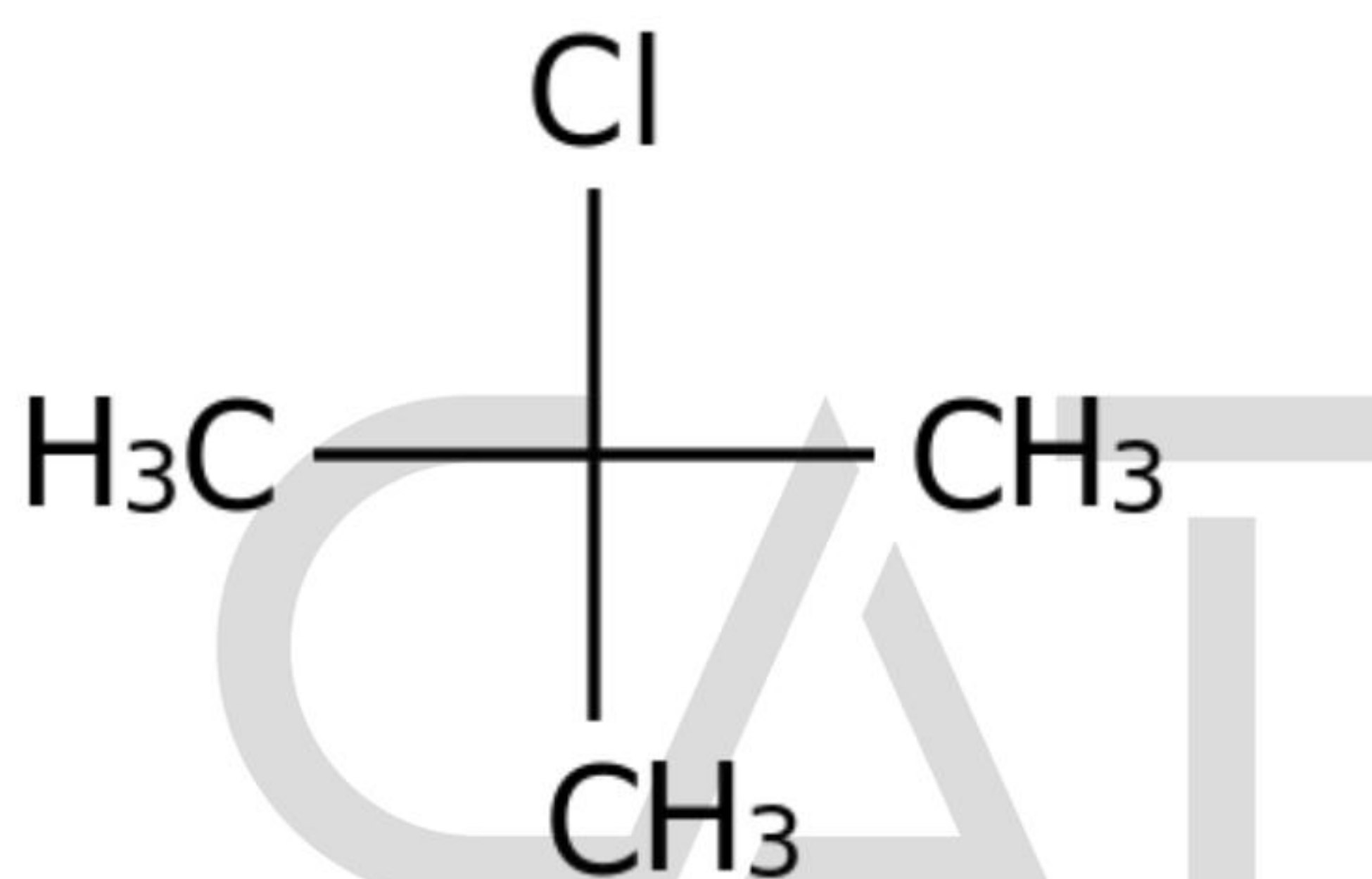
Reference Material & Standard

Product Name:	Phenacetin Impurity 12	Catalogue Number:	C4X-204912
Synonyms:	2-Chloro-2-methylpropane	Lot Number:	0624-RG-0012
CAS Number:	507-20-0	Expiry Date:	Jun 23, 2028
Molecular Formula:	C ₄ H ₉ Cl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	92.57	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	99.775%
Water Content	Karl Fischer	0.4205%
Assay		99.4%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 20, 2026

Date: May 21, 2026

Date: May 21, 2026



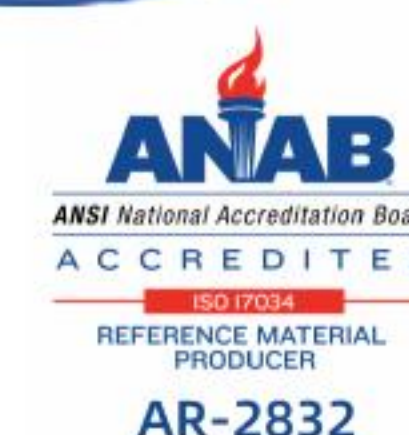
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