

Certificate of Analysis

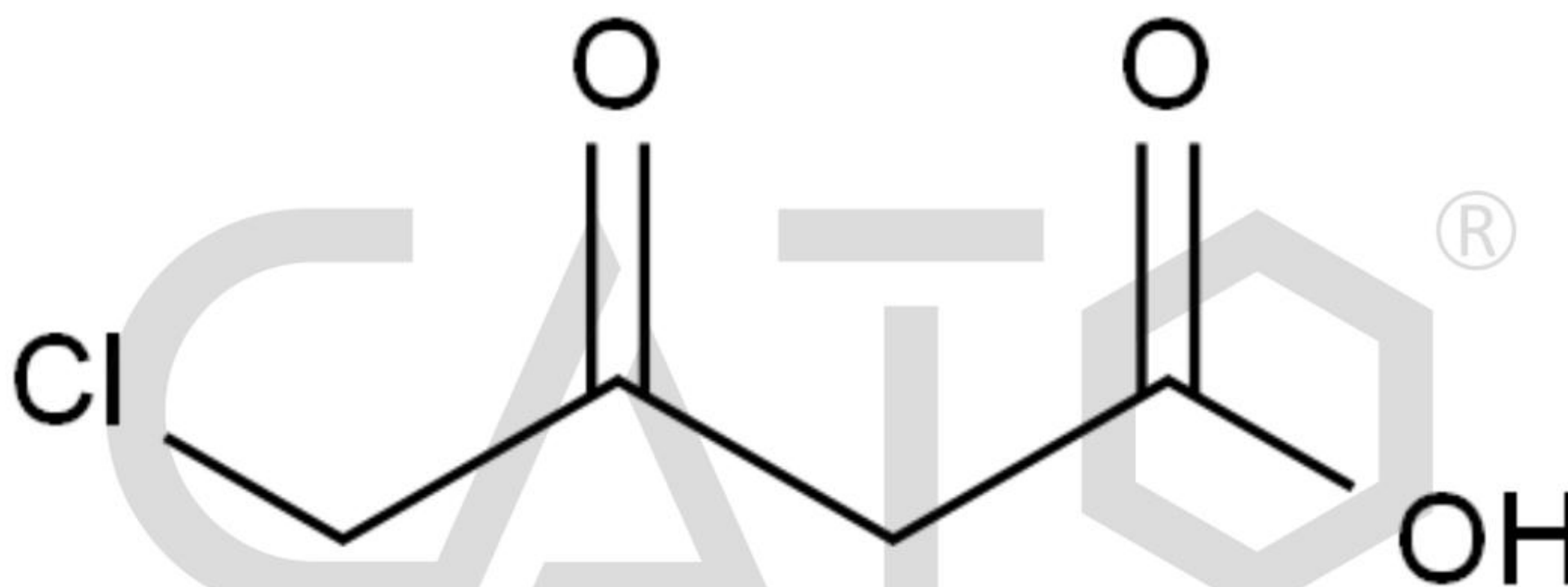
Reference Material & Standard

Product Name:	Amlodipine Impurity 64	Catalogue Number:	C4X-109564
Synonyms:	4-Chloro-3-oxobutyric acid	Lot Number:	0508-RH-0159
CAS Number:	27807-84-7	Expiry Date:	May 18, 2030
Molecular Formula:	C ₄ H ₅ ClO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	136.53	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	GC	100.000%
Water Content	Karl Fischer	0.5509%
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:

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Reviewed by:

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Approved by General Manager:

David

Date: May 19, 2026

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