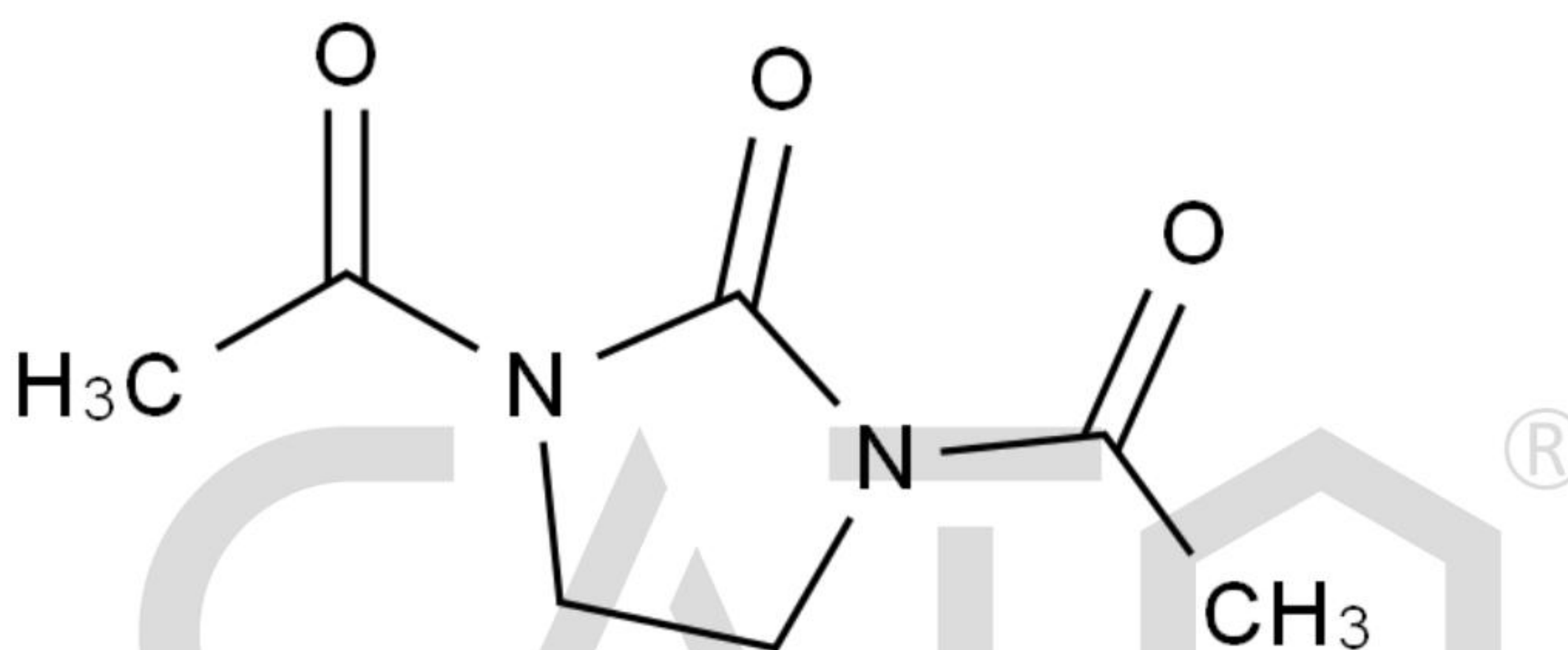


Certificate of Analysis

Reference Material & Standard

Product Name:	1,3-Diacetyl-2-Imidazolidinone	Catalogue Number:	C3D-3668
Synonyms:	N/A	Lot Number:	0419-RF-0040
CAS Number:	5391-40-2	Expiry Date:	Apr 23, 2027
Molecular Formula:	C7H10N2O3	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	170.17		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.970%
Loss On Drying	TGA	0.0357%
Assay		99.9%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Aporoved by General Manager:

David

Date: May 06, 2024

Date: May 06, 2024

Date: May 06, 2024

