

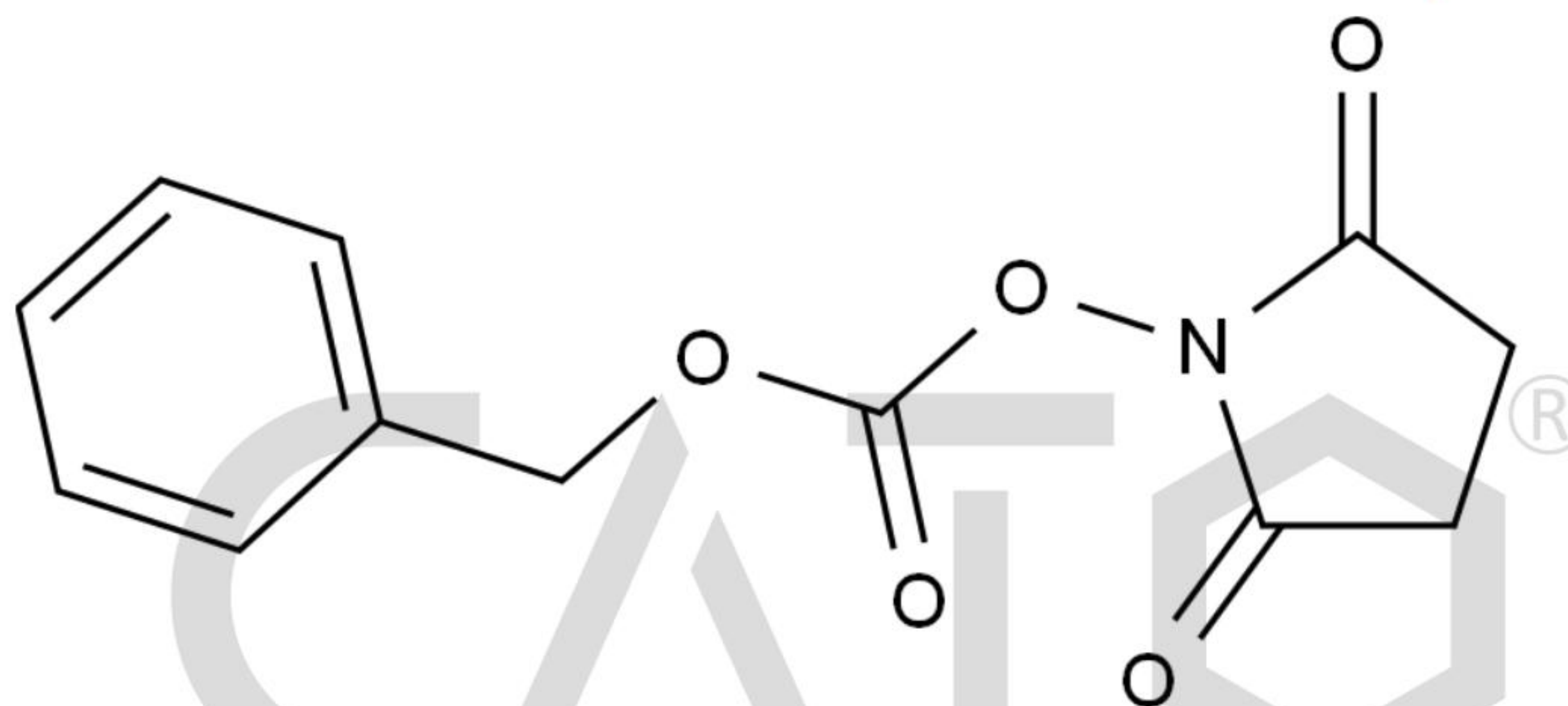
Certificate of Analysis

Reference Material & Standard

Product Name:	N-Carbobenzoxysuccinimide	Catalogue Number:	C3D-1803
Synonyms:	N/A	Lot Number:	0110-RG-0092
CAS Number:	13139-17-8	Expiry Date:	Jan 13, 2028
Molecular Formula:	C ₁₂ H ₁₁ NO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	249.22	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	97.237%
Loss On Drying	TGA	0.0414%
Assay		97.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 14, 2025

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