

Certificate of Analysis



Page 1 of 1

General Information

Product Name and Isotopic Labelling	Ubiquitin $^{13}\text{C}^{15}\text{N}$ - labeled, non-tagged
Amount	2,5 mg
Product (Catalogue) Number	151603201
Lot Number	
Storage Conditions	+4°
Shipping Conditions	Room temperature

Product Information

Sequence	MQIFVKLTG KTITLEVEPS DTIENVKAKI QDKEGIPPDQ QRLIFAGKQL EDGRTLSDYN IQKESTLHLV LRLRGG
Molecular Weight	9047,47
Extinction coefficient	$1\text{A}_{280} = 7,06 \text{ mg/ml}$
Comment	0,5 mM solution in 550 μl of 93% H_2O - 7% D_2O , 30 mM D-labeled NaAcetate, pH 4,7, 50 mM NaCl in NMR tube

Silantes GmbH certifies that this material does conform to the specifications stated below:

Quality Control Tests and Lot Results

Test	Specification	Lot Results
Appearance	Clear solution	CONFORMS
SDS-PAGE for Chemical Purity	> 90%	98%
Mass Spectrometry for Isotopic Enrichment	> 98%	98,6%
Date for Last Quality Review	14.01.2022	
Approved by	Ludmilla Denissova	



Analysis of $^{13}\text{C}^{15}\text{N}$ -labeled ubiquitin by 15% PAGE (stained with Blue R-250).

This product is for laboratory use only

Silantes GmbH manufactures highly pure research compounds which are produced for research applications only. Persons intending to use these products for other applications do so at their own responsibility and must comply with all appropriate regulations. Local regulatory authorities should be consulted.