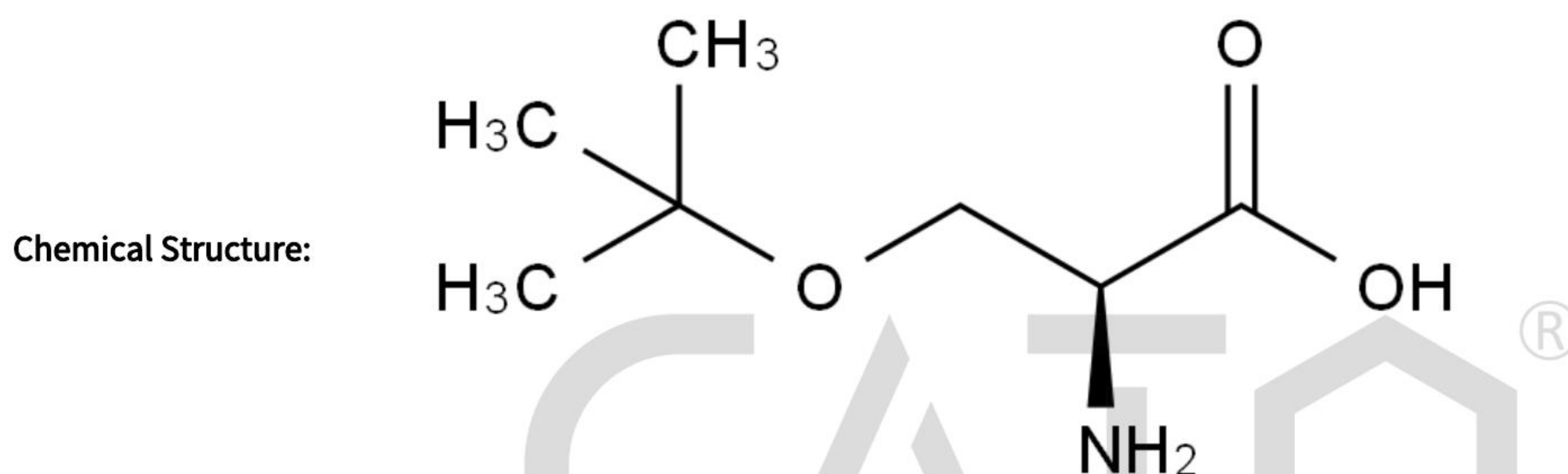


Certificate of Analysis

Reference Material & Standard

Product Name:	H-Ser(tBu)-OH	Catalogue Number:	C3D-2826
Synonyms:	N/A	Lot Number:	167-12-7-1
CAS Number:	18822-58-7	Expiry Date:	Feb 03, 2027
Molecular Formula:	C ₇ H ₁₅ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	161.20		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.854%
Water Content	Karl Fischer	6.7284%
Residual Solvents	NMR	Not detected in NMR
Assay		93.1%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity ELSD (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Aproved by General Manager:

David

Date: Feb 04, 2024

Date: Feb 04, 2024

Date: Feb 04, 2024

