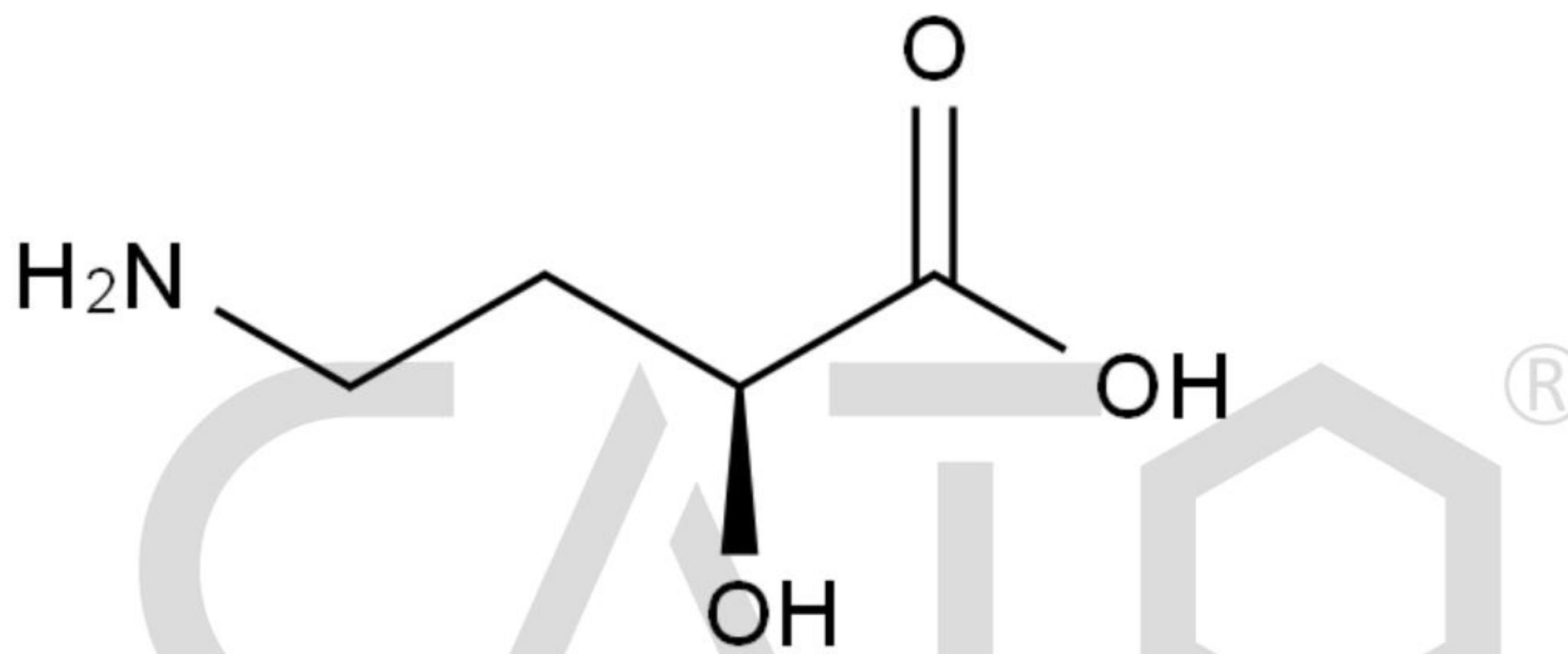


Certificate of Analysis

Reference Material & Standard

Product Name:	Amikacin EP Impurity I	Catalogue Number:	C4X-197716
Synonyms:	(S)-(-)-4-Amino-2-hydroxybutyric Acid	Lot Number:	1110-RC-0004
CAS Number:	40371-51-5	Expiry Date:	Dec 24, 2026
Molecular Formula:	C ₄ H ₉ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	119.12	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.000%
Water Content	Karl Fischer	0.7814%
Assay		99.2%

Comment:

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

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

Water Content is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 19, 2024

Date: Jun 19, 2024

Date: Jun 19, 2024

