

Certificate of Analysis

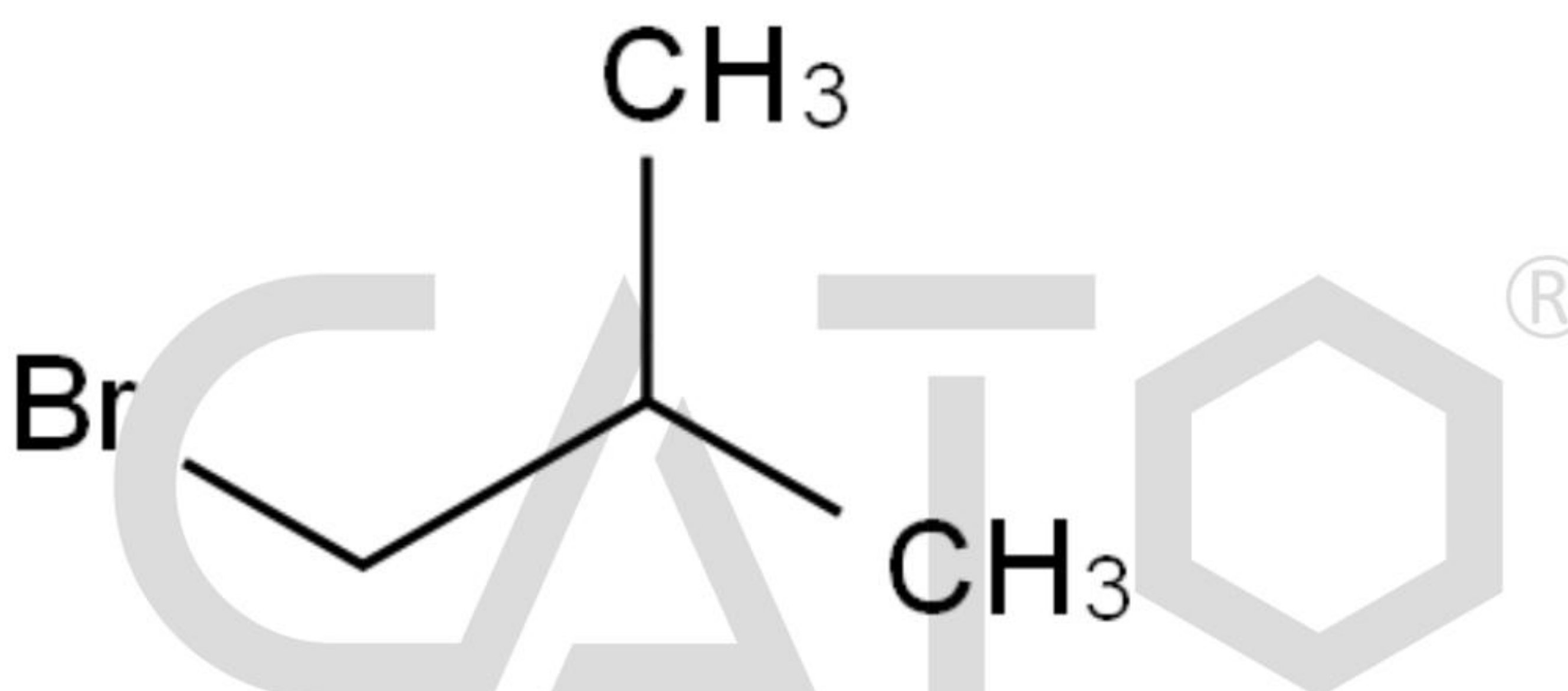
Reference Material & Standard

Product Name:	Bortezomib Impurity 44	Catalogue Number:	C4X-107244
Synonyms:	1-bromo-2-methylpropane	Lot Number:	0611-RF-0073
CAS Number:	78-77-3	Expiry Date:	Jul 16, 2030
Molecular Formula:	C ₄ H ₉ Br	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	137.02	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	97.880%
Water Content	Karl Fischer	0.2672%
Assay		97.6%

Comment:

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

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

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

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 17, 2026

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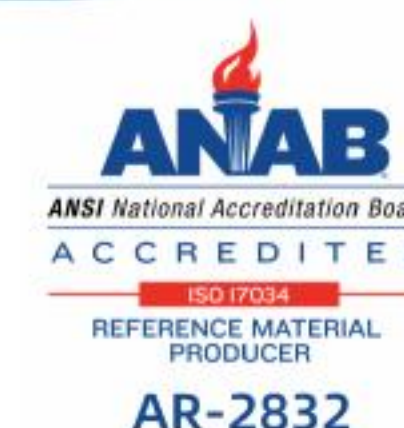
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Page 1 of 6



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