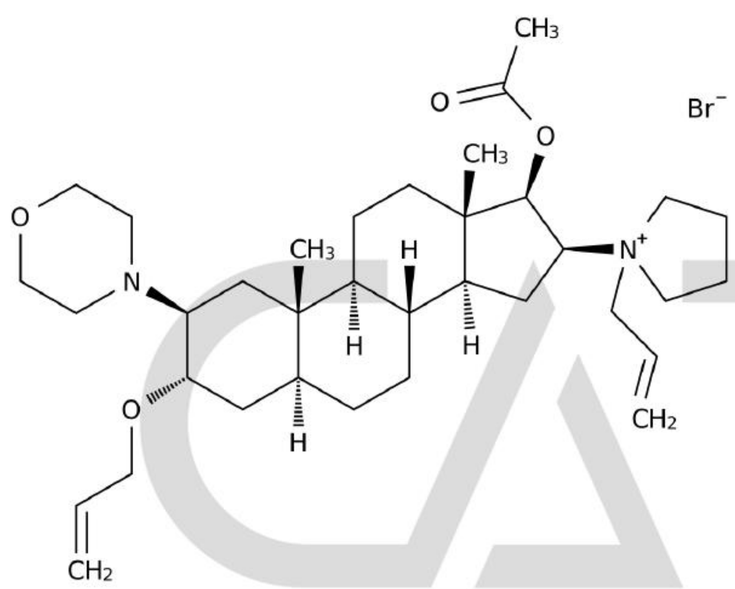
Certificate of Analysis

Reference Material & Standard

Product Name:	Rocuronium Bromide Impurity 22	**Catalogue Number:**	C4X-124222
Synonyms:	N/A	**Lot Number:**	0627-RF-0041
CAS Number:	N/A	**Expiry Date:**	Nov 11, 2030
Molecular Formula:	$C_{35}H_{57}N_2O_4$ Br	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	569.84 79.90	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	ELSD	100.000%
Loss on Drying	TGA	3.2220%
Assay	Mass Balance	96.8%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity ELSD (%) /100%*
Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by: Koji Date: Nov 12, 2026

Reviewed by: Lisa Date: Nov 12, 2026

Approved by General Manager: David Date: Nov 12, 2026

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