

Certificate of Analysis

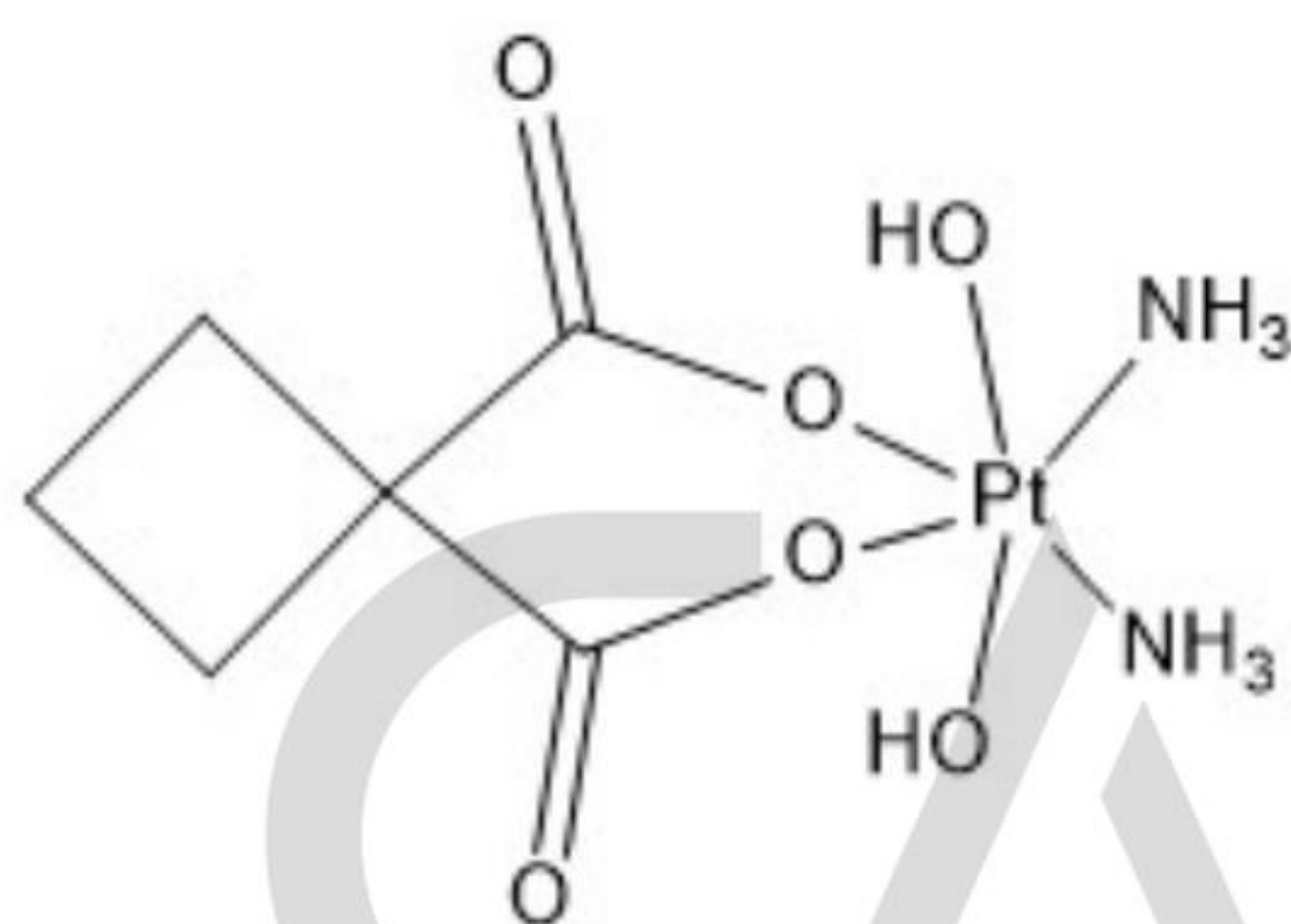
Reference Material & Standard

Product Name:	Carboplatin Impurity 12	Catalogue Number:	C4X-206112
Synonyms:	N/A	Lot Number:	0925-RG-0100
CAS Number:	113287-15-3	Expiry Date:	Jul 24, 2027
Molecular Formula:	C ₆ H ₁₄ N ₂ O ₆ Pt	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	405.27		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	ELSD	100.00%
Loss On Drying	TGA	0.75%
Assay		99.2%

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:

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Date: Sep 26, 2025

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