

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	22104
Product	Carboplatin
Lot Number	002197-230516
	cis-Diamine(1,1-cyclobutanedicarboxylato)platinum(II)
CAS Number	41575-94-4
Molecular Formula	C ₆ H ₁₂ N ₂ O ₄ Pt
Molecular Weight	371.26

Appearance	White crystalline powder
Crystallinity	Passes test
Water Content (Karl Fisher)	0.22%
pH	6.1
Transmission	97.1% (Transmittance)
Loss on Drying	< 0.5% (105 °C)
Residual Solvents	Ethanol : Not detected
Bacterial Endotoxins	< 0.54 EU/mg
Insoluble material	0.23% (water)
Related Substances	Limit of 1,1-Cyclobutanedicarboxylic acid : 0.02% Cisplatin : Not detected Any individual unspecified impurity : 0.05% Total impurities : 0.17%
Assay	99.7% (on dried basis) 99.92% (Pt content : 52.5%)
Grade	Meets USP Specification
Storage	Store at RT
Additional Information	Identification : Test A : Infrared spectrum : Conforms to structure Test B : Test for Assay : Passes test

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager