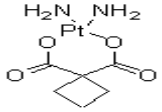
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CERTIFICATE OF ANALYSIS

NO: DYC312210252

Product name	**Carboplatin， USP38**
CAS Number	**41575-94-4**
Molecule Formula	**C6H12N2O4Pt**
Molecule Structure	
Batch number	**20220521**
Manf.Date	**2022-05-21**
Testing date	**2022-05-28**

Items	Standard	Result
Appearance	White powder or crystalline powder	Conforms
Identification	the infrared absorption spectrum of the substance should correspond to the spectrum of reference standard	Conforms
Crystallinity	Meets the requirements	Conforms
PH	5.0～7.0	5.9
Water	≤0.5%	0.2%
Transmittance	≥97%	99.1%
Water-insoluble matter	≤0.5%	0.28%
Limit of 1,1-cyclobutane dicarboxylic acid(HPLC)	≤0.5%	Not detected
Residual solvents	Ethanol≤5000PPM	Not detected
Individual impurity	≤0.25%	0.02%
All impurities	≤0.5%	0.02%
Platinum content	52.0%～53.0%	52.4%
Assay(HPLC)	98.0%-102.0%	99.7%
Bacterial endotoxins	≤0.54EU/mg	Conforms
Conclusion	complies with USP 38	

QUALITY CONTROL: CHECK:姚仙娟 INSPECTOR：刘清风

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Hangzhou Dingyan Chem Co.,Ltd.
Quality Control Nancy
Signature(s)