

Specification

Technical Data Sheet

Product Name	Paclitaxel
Product No	51350888
CAS Number	33069-62-4
Storage Temperature	-15 to -20 °C
Molecular Weight	853.91
	Specification
Appearance	White crystalline powder
Acetone	≤5000ppm
Conclusion	Conforms to USP
Heavy metals	≤20ppm max
Identification	Conforms to specification
Specific rotation	-49~-55 °
Water	≤4.0%

Specification

Assay	97% - 102% (anhydrous substance)
Dichloromethane	≤600ppm
Residue on Ignition	≤0.2%
Total Impurities	≤2.0%
10-Deacetyl Baccatin III	≤0.1%
10-deacetyl paclitaxel	≤0.5%
10-deacetyl-7-epi-paclitaxel	0.4%
2-debenzoylpaclitaxel-2-pentenoate	≤0.7%
Any other single impurities	≤0.1% (each)
Photodegradant	≤0.1%