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# Specification

## Technical Data Sheet

<b>Product Name</b>	Imipenem
<b>Product No</b>	34437833
<b>CAS Number</b>	74431-23-5
<b>Storage Temperature</b>	-15 to -20 °C
<b>Molecular Weight</b>	317.36
	<b>Specification</b>
<b>Specific rotation</b>	+83°~ +89 deg
<b>Heavy metals</b>	0.0001% max
<b>Acetone</b>	1.0% max
<b>Assay</b>	98% min
<b>Acidity</b>	4.5~7.0
<b>Residue on Ignition</b>	0.5% max
<b>Moisture</b>	5.0~8.0%
<b>Total Impurities</b>	2.0% max
<b>Appearance</b>	Off-White to Light Yellow Crystalline Powder
<b>Thienamycin</b>	1.0% max