



Yangzhou Sunchem Co., Ltd.

TECHNICAL DATA SHEET

Product Name	Meropenem	Formula	C ₁₇ H ₂₅ N ₃ O ₅ S. 3H ₂ O
CAS NO.	119478-56-7	Place of sampling	Warehouse
ITEMS		SPECIFICATIONS	
Appearance		White or off-white powder	
Solubility		Soluble in water	
Identification		HPLC:be identical to that of WS IR:conforms to Meropenem USP RS	
PH		7.3~8.3	
Bacterial endotoxinsunder		0.125EU/mg MAX	
Loss on drying		9.0%~12.0%	
Heavy metals		10ppm MAX	
Assay(C ₁₇ H ₂₅ N ₃ O ₅ S) On anhydrous basis		78.0%~86.0%	
Chromatographic purity	RRT(0.45)	0.80% MAX	
	RRT(1.90)	0.60% MAX	
	Eachunknowni- mpurity	0.10% MAX	
	Total impurities	2.0% MAX	
	Particulate Matter	10um MIN	3000pc/g MAX
	25um MIN	300pc/g MAX	