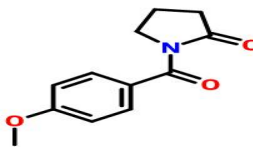


成品检验报告
CERTIFICATE OF ANALYSIS

Product Name	Aniracetam		
Molecular Formula	C ₁₂ H ₁₃ NO ₃		
Cas No.	72432-10-1	Quantity	18kg
MFG. Date	Sep.12, 2018	Batch No	YHB-20180912
Report Date	Sep.13, 2018	Expiry. Date	Sep.13, 2021
Testing Items		Specifications	Results
Appearance		White or off- white crystalline powder; Oderless and a little bitter	Complies
Melting point		118-122℃	120.1~121.9℃
Absorbance		476-506	492
Chemical Reaction		Generate white precipitate	Generate white precipitate
IR Identification		Should comply with the reference spectrum	Comply with the reference spectrum
Related substances			
Individual Impurity		≤0.2%	0.1%
Total Impurity		≤0.1%	0.2%
Residual Solvent			
Methanol		≤0.3%	0.0
Ethanol		≤0.5%	0.0
Ethyl Acetate		≤0.5%	Negative
Toluene		≤0.089%	Negative
Loss on Drying		≤0.5%	0.40%



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Residual on ignition	≤1.0%	0.05%
Heavy metals	≤10ppm	Complies
Assay	98.0%~102.0%	101.0%

Microbial Limit		
Bacterial count	≤1000cfu/g	<10cfu/g
Mould and Yeast Count	≤100cfu/g	<10cfu/g
Escherichia coli	Not detected/g	Negative/g
Conclusion	This products conforms to the specification.	

ANALYST: Mr. Wang

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