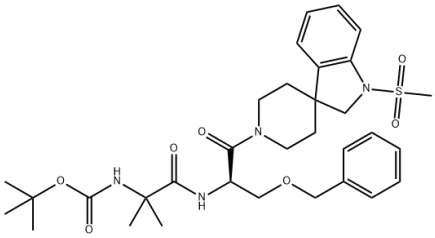
Certificate of Analysis

Product Name	Ibutamoren		
Molecular Formula	C27H36N4O5S		
Cas No.	159752-10-0	**Batch No.**	SW230221
Quantity	5kg	**MFG. Date**	2023.02.21
Test date	2023.02.22	**Retest. Date**	2025.02.20

ANALYSIS	**SPECIFICATION**	**RESULT**
Purity by LCMS	NLT 99%	99.35%
Identification	1H NMR spectrum of sample corresponds to that of standard preparation	Conform
	Mass spectrum of sample corresponds to that of standard preparation	Conform
	The retention time of the major peak in the chromatogram of sample corresponds to that in the chromatogram of standard preparation	Conform
Specific Rotation $[\alpha]^{25}_{365}$	-15.71	-15.58
Loss on Drying	≤1.0%	0.42%
Conclusion	This product conforms to international standards	

Packing description	Sealed export grade drum & double of sealed plastic bag
Storage	Store in a cool and dry place, stay away from strong light and heat
Shelf life	2 years when properly stored

Quality Assurance Officer:李强　　Corrector:佟丽华　　Analyst:方琼

XI'AN SONWU BIOTECH CO.,LTD 西安子午生物科技有限公司 检验专用章 ANALYSIS SEAL