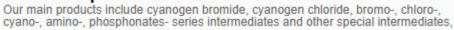
## kern enterprises







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## **CERTIFICATE OF ANALYSIS**

Product Name	Ibutamoren mesylate (MK677)	HO-S-O	
Molecular Formula	C <sub>28</sub> H <sub>40</sub> N <sub>4</sub> O <sub>8</sub> S <sub>2</sub>		
Cas No.	159752-10-0	Quantity	2.35kg
MFG. Date	2019.1.22	Batch No	MLP-MK677-20181111
Report Date	2019.1.22	Retest. Date	2021.1.21

Testing Items	Specifications	Results
Appearance	White to off-white powder	Off-white powder
1HNMR	Conforms to structure	Conforms
LC-MS	Conforms to MW	Conforms
Melting Point	158-160°C	159.5-160°C
Purity by HPLC	≥99.00%	99.62%
Conclusion	This product conforms to in-house standard	



CHECKER:

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Q.C. DIRECTOR: