## **CERTIFICATE OF ANALYSIS**

Product Name	Ibutamoren mesylate (MK677)		
Molecular Formula	C <sub>28</sub> H <sub>40</sub> N <sub>4</sub> O <sub>8</sub> S <sub>2</sub>	$H_2N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$	
Cas No.	159752-10-0	Quantity	80kg
MFG. Date	2020.11.15	Batch No	LY20200515
Report Date	2020.11.21	Retest. Date	2022.11.14

Testing Items	Specifications	Results
Appearance	White to off-white powder	Off-white powder
1HNMR	Conforms to structure	Conforms
LC-MS	Conforms to MW	Conforms
Loss on Drying	≤0.50%	0.33%
Residue on Ignition	≤0.10%	0.05%
Heavy Metal	<10ppm	Conforms
Purity by HPLC	≥99.0%	99.47%
Conclusion	This product conforms to in-house standard	

ANALYST: CHECKER: Q.C. DIRECTOR:



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