CERTIFICATE OF ANALYSIS

Product Name:	J-147 (E)-N-(2,4-dimethylphenyl)-2,2,2-trifluoro-N' -(3-methoxybenzylidene)acetohydrazide		F O O O O O O O O O O O O O O O O O O O	
CAS No.:	1146963-51-0	Molecular Weight:		350.33
Molecular Formula	C ₁₈ H ₁₇ F ₃ N ₂ O ₂	Batch #:		MLP-J147-20220419
Manufacture Date:	2022.04.19	Report Date:		2022.04.26
Quantity	20kg	Retest Date		2024.04.18

	0 15 11	5 1/			
Testing Items	Specification	Result			
Active Ingredients					
Purity (HPLC)	≥99%	99.94%			
Physical Control					
Appearance	Off-white to light yellow solid	Conforms			
Color	Off-white to light yellow	Conforms			
Odor &Taste	Characteristic	Conforms			
Identification	H-NMR	Conforms			
Loss on Drying	≤1.0%	0.56%			
Solubility	Soluble to 100 mM in DMSO and to	conforms			
•	100 mM in ethanol				
Residue on Ignition	≤0.5%	0.03%			
Chemical Control					
Heavy Metals (As Pb)	NMT20PPM	Conforms			
Related Substance	Max Single Impurity≤0.3%	0.03%			
Packing and Storage					
Packing	800g/bag				
Storage	Sealed and store in a cool and dry place at room temperature for				
Otorage	short term (days to weeks) or -15 $^{\circ}$ C for long term (months to years).				
Shelf Life	2 years if sealed and stored properly.				
Conclusion	Conforms to in-house standard				
Laboratory technician	Checker: 检2	Quality centre 草 型			

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