

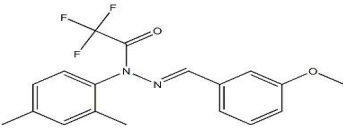





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## CERTIFICATE OF ANALYSIS

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

Testing Items	Specification	Result
<b>Active Ingredients</b>		
Purity (HPLC)	≥99%	99.94%
<b>Physical Control</b>		
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 100 mM in ethanol	conforms
Residue on Ignition	≤0.5%	0.03%
<b>Chemical Control</b>		
Heavy Metals (As Pb)	NMT20PPM	Conforms
Related Substance	Max Single Impurity≤0.3%	0.03%
<b>Packing and Storage</b>		
Packing	800g/bag	
Storage	Sealed and store in a cool and dry place at room temperature for short term (days to weeks) or -15°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:	Quality control:
		

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