

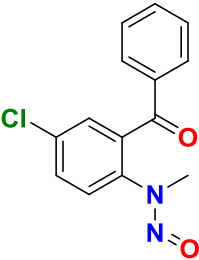


COMMITTED FOR CHEMISTRY

## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name:</b> N-Nitroso Diazepam EP Impurity D		
<b>CAS NO:</b> 51145-18-7		
<b>Batch No:</b> SRC-133-AL-014		<b>SRC CAT NO:</b> SRC-N014089
<b>Date of Analysis:</b> 28 Feb 2023		
<b>Retest Date:</b> 28 Feb 2025		
<b>Structure:</b>		
		
<b>Chemical Name</b>	N-(2-Benzoyl-4-chlorophenyl)-N-methylnitrous amide	
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>11</sub> ClN <sub>2</sub> O <sub>2</sub>	
<b>Molecular Weight</b>	274.7	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	NA
2)	<b>Solubility</b>	Solubility in DMSO, Methanol
3)	<b>Identification</b> 1. Mass 2. 1H NMR	Confirm to structure Confirm to structure
4)	<b>Purity by HPLC</b>	Above95%
<b>Long Term Storage condition</b>	Store at 2 <sup>0</sup> to 8 <sup>0</sup> c	
<b>Shipping Condition</b>	Ambient	
<b>Note:</b> This is only for Analytical testing purpose, not for Human or Animal Consumption.		
<b>Note:</b> N-Nitroso Diazepam EP Impurity D is a highly toxic organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures		
	Signature	Date
CheckedBy		
ApprovedBy		

