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**DAICEL CHIRAL TECHNOLOGIES**  
(INDIA) PRIVATE LIMITED  
SUBSIDIARY OF **DAICEL** DAICEL CORPORATION



**ISO 9001:2015 CERTIFIED**

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	4-Isobutylpyrrolidin-2-one (lactam)		
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>15</sub> NO		
<b>Molecular Weight</b>	141.21		
<b>Batch Number</b>	XX-XXXX		
<b>Batch Quantity</b>	XXX		
<b>Date of Manufacturing</b>	DD-MM-YYYY		
<b>Date of Analysis</b>	DD-MM-YYYY		
<b>Next Retest Date</b>	DD-MM-YYYY		
<b>Catalogue Number</b>	DCTI-C-226		
<b>CAS Number</b>	61312-87-6		
<b>COA Number</b>	PA-XXXX		
<b>IUPAC Name</b>	4-Isobutyl pyrrolidin-2-one		
<b>Storage and Handling</b>	2-8 °C		

Sl. No	* Test	Result
	<b>Description</b>	
1.	Identification i) By IR ii) By NMR iii) By MS	--
2.	Chromatographic Purity (% by HPLC)	--

**Remarks:** \*Test or tests as mentioned above may vary as per the product nature or customer's requirement

Function	Compiled by	Reviewed by	Reviewed by	Approved by
Name	xxx	xxx	xxx	xxx
Department	Pharma Standards QC	Pharma Standards QC	Quality Assurance	Quality Assurance
Sign and Date				

Attachments	IR, NMR, MS spectra, HPLC Chromatogram.
Date of Shipment	DD-MMM-YYYY

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