



ISO 9001:2015 CERTIFIED CERTIFICATE OF ANALYSIS

Product Name	4-Isobutyl piperidin-2,6-dione (Dione)	
Molecular Formula	C ₉ H ₁₅ NO ₂	The chemical structure shows a six-membered ring with two carbonyl groups (C=O) at positions 2 and 6, and a nitrogen atom at position 1. An isobutyl group is attached to the ring at position 4. The atoms are color-coded: carbonyl oxygens are red, the ring nitrogen is blue, and the isobutyl group is black.
Molecular Weight	169.22	
Batch Number	XX-XXXX	
Batch Quantity	XXX	
Date of Manufacturing	DD-MM-YYYY	
Date of Analysis	DD-MM-YYYY	
Next Retest Date	DD-MM-YYYY	
Catalogue Number	DCTI-C-225	
CAS Number	916982-10-0	
COA Number	PA-XXXX	
IUPAC Name	4-Isobutyl piperidin-2, 6-dione (Dione)	
Storage and Handling	2-8°C	

Sl. No	* Test	Result
	Description	
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

CIN: U24100TG2008PTC058509
Servey No: 542/2, IKP Knowledge Park, Koltur Village,
Shamirpet Mandal, Medchal – Malkajgiri District,
Hyderabad – 500 101, Telangana, India.
Tel. No. +918418660700, Fax. +918418660730