



CERTIFICATE OF ANALYSIS

Product Name	L-Prolinamide		
CAS No.	7531-52-4	Batch No.	R&D/LPA/19-001
Mol. formula	C ₅ H ₁₀ N ₂ O	Manufacturing Date	Nov 2019
Mol. Weight	114.15	Page	1 of 1

Sr. No.	Tests	Specification	Results
01.	Appearance	White to off-white powder	Off-White powder
02.	Identification By HPLC	The retention time of the major peak in the chromatogram of the sample solution should correspond to that in the chromatogram of the standard solution as obtained in the test of chromatographic purity by HPLC	Complies
03.	Moisture	Not more than 1.0%	0.32%
04.	Melting Range	Between 95.0°C – 103.0°C	99.0°C – 102.0°C
05.	Specific Optical Rotation	-106 ± 3	-103
06.	Loss on drying	Not more than 1.0%	0.3%
07.	Related Substances		
	Single maximum unknown impurity	Not more than 0.5%	0.2%
	Total Impurities	Not more than 1.0%	0.4%
08.	Assay by HPLC (On anhydrous basis)	98.0% - 102.0%	99.0%

	Prepared by	Reviewed by	Approved by
Sign.			
Date	02/12/19	02/12/19	02/12/19
Name	Samadhan Kadam	Vishal Solse	Shaktikumar Mandhare
Designation	Chemist ADL	Asst. Manager ADL	Sr. Manager ADL

