

- CORPORATE OFFICE: E-91/92 Nutan Saurabh Society,
 B/H Vijay Nagar, Harni Road, Vadodara 390 006. Gujarat, India.
- FACTORY: Plot No.1116, Lamadapura Road,
 Manjusar 391 775, Tal Savli, Dist Vadodara, Gujarat, India.

FINISHED PRODUCT: CERTIFICATE OF ANALYSIS DEPARTMENT: QUALITY CONTROL Ref .SOP No QC/017, Rev – 00 Format No.: QC/017/F/02-00

Name of product	: UREA JP)			
Chemical Formula : 0	CH ₄ N ₂ O Mol	ecular Wei	ght : 60.1 gm/ı	mol. CA	AS No : 57-13-6
HSN Code	31021000		Batch Numl	oer	050001D22
Date of sampling	15/04/2022	15/04/2022		nufacture	April2022
Sample Quantity	100.00 Gms.		Date of Exp	iry	5 Years after Mfg. date
Date of Analysis	15/04/2022				
Date of Release	18/04/2022				
Mfg. Lic. No.	G/25/2513				
Sr. Te	est	Obser	rvation	_	Specification

Sr.	Test	Observation	Specification		
No.	rest	Observation	Specification		
1.		White crystalline	Urea occurs as colorless to white,		
1.	Appearance	powder	crystals or crystalline powder. It is		
	rippearance	powder	odorless, and has a cooling, saline taste.		
2.		It is very soluble in			
	Colubility	water, freely soluble	It is very soluble in water, freely		
	Solubility	in boiling ethanol	soluble in boiling ethanol (95%), and very slightly soluble in diethyl ether.		
		(95%)	very slightly soluble in diethyl ether.		
3.	Identification (1)	Pass Test	To Pass test		
	A reddish purple color develops				
	Identification (2)	Pass Test	To Pass test		
	A white, crystalline precipitate is				
	formed.				
4.	Melting point	133.2 °C to 133.4 °C	132.5 °C to 134.5 °C		
5.	Chloride	Pass Test	NMT 0.007 %		
6.	Sulfate	Pass Test	NMT 0.010 %		
7.	Heavy metals	Pass Test	NMT 20 ppm		
8.	Ethanol-insoluble substances	Pass Test	The mass of the residue is not more		
	Emanor-msoruble substances		than 2.0 mg		
9.	Residue on ignition	Pass Test	Max. 0.1 %		
10.	Assay % (Dried basis)	99.14%	Not Less than 99.0 %		
Stora	Storage Condition : Store protected from light and moisture.				

Remarks: The above product complies with above specification.

	Prepared By/Analyzed by	Approved by	
Signature	Ri	My Consultant	
Date	15/04/2022	18/04/2022	

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