

# CERTIFICATE OF ANALYSIS

Product	Zinc Gluconate
Product Code	ZGL17JRX

Report No.	Batch No.	Mfg. Date	Exp. Date	Quantity	FSSAI License No
FZGLJRF001	23FZGLJRF001	JUN-2023	MAY-2028	300 kg	10019021004394
General Characteristics					


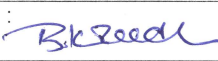
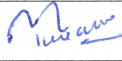
Appearance	White to off-white, fine crystalline powder. No lumps that do not break up under moderate pressure.	Complies
Odor	Typical-no off or foreign odors.	Complies
Solubility	Freely soluble in water, very slightly soluble in alcohol.	Complies

Chemical Analysis					
Properties	Method	Specification Values			Result
		Unit	Min.	Max.	
Identification A (Zinc)	FCC	---	To comply with the test		Complies
Identification A by TLC	FCC	---	The principle spot obtained from the sample solution corresponds in colour size and Rf value to that obtained from the standard solution.		Complies
*Cadmium	FCC/ICP-MS	mg/kg	---	2.0	Complies
Chloride	FCC	%	---	0.05	< 0.05
Sulphate	FCC	%	---	0.05	< 0.05
*Lead	FCC/ICP-MS	mg/kg	---	2.0	Complies
Reducing substance	FCC	%	---	1.0	0.60
Water	FCC	%	---	11.6	9.17
Assay $C_{12}H_{22}O_{14}Zn$ (On anhydrous basis)	FCC	%	97.0	102.0	97.39
Arsenic	IH	mg/kg	---	3.0	<3.0
pH (1% solution)	IH	---	5.5	7.5	6.70
Foreign matter	IH	/50g	Absent	---	Complies
*Test done at regular interval.					

Characters XX in the Product code denotes the packing configuration.

**Disclaimer:** As a precaution, we recommend to test the material as per your specification/ requirement before use.

**OPINION:** The above product is declared as standard / non-standard quality as per testing done at the time of batch release

Analyzed by : 	Checked by : 	Approved by : 
Date: 10/06/2023	Date: 10/06/2023	Date: 10/06/2023

C/COA/2023/SYNLAIT/001

Mfg. Site: 129/1/A, 129/12,13,14,15 GIDC Estate, Nandesari, Dist. Vadodara-391 340, Gujarat.

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