

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED**U21009KA2023PTC179006****Registered address:** FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4,
HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.**Email:** info@scimplify.com**Website:** www.scimplify.com**CERTIFICATE OF ANALYSIS**

Material/Product Name	Disodium 5'-Ribonucleotide		
Batch Number	BNSC250219	Quantity	10 Kg / 15,000 kg
Mfg. Date	February - 2025	Expiry Date	February - 2030

S. No.	Test Parameter	Specification	Result
1	Clarity and color of solution	Clear & colorless	Passes test
2	Identification		
	Solubility	Passes test	Passes test
	Test for ribose	Responds to test	Passes test
	Test for organic phosphate	Responds to test	Passes test
	Test for sodium	Responds to test	Passes test
	Test for inosinic acid	Responds to test	Passes test
	Test for guanylic acid	Responds to test	Passes test
3	Physical		
	Assay	97.0% ~ 102.0%	99.73
	IMP	48.0% ~ 52.0%	49.31
	GMP	48.0% ~ 52.0%	50.42
	pH (5% solution)	7.0 ~ 8.5	7.78
	Water content	Not more than 26.0%	24.12
	Water activity	0.2 ~ 0.5	0.33
	State of solution	Not more than 0.06	<0.06

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Name	Praveen Kumar J	Karthik V Suvarna	Prashant Mishra
Date	28/02/2025	28/02/2025	28/02/2025
Sign			



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4	Chemical		
	Related Foreign Substance	Chromatographically not detectable	Passes test
	Amino Acids	Not detectable	Passes test
	Ammonium Salts	Passes test	Passes test
	Heavy metals	Not more than 10.0 ppm	Passes test
	Lead	Not more than 1.0 ppm	Passes test
	Arsenic	Not more than 1.0 ppm	Passes test
	Cadmium	Not more than 1.0 ppm	Passes test
	Mercury	Not more than 0.1 ppm	Passes test
5	Microbiological		
	Total plate count	Not more than 1,000 cfu/g	20
	Yeast & Mold	Negative/g	Negative
	Coliform	Negative/g	Negative
	E.coli	Negative/g	Negative
	Salmonella spp.	Negative/25g	Negative
	Pathogenic microorganism	Negative/g	Negative
Remarks: The material complies with the above specification			

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