

**FINISHED PRODUCT: CERTIFICATE OF ANALYSIS**

**DEPARTMENT : QUALITY CONTROL**


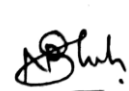

<b>Ref .SOP No</b>	QC/017, Rev – 00	<b>Format No. :</b> QC/017/F/02-00
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<b>Name of product</b>	: ZINC OXIDE JP		
<b>Chemical Formula</b> : ZnO	<b>Molecular Weight</b> : 81.38 gm/mol	<b>CAS No</b> : 1314-13-2	
<b>HSN Code</b>	28170010	<b>Batch Number</b>	073001A23
<b>Date of sampling</b>	04/01/2023	<b>Date of Manufacture</b>	JAN.-2023
<b>Sample Quantity</b>	100.00 Gms.	<b>Date of Expiry</b>	5 Years after Mfg. date
<b>Date of Analysis</b>	04/01/2023		
<b>Date of Release</b>	05/01/2023		
<b>Mfg. Lic. No.</b>	G/25/2513		

Sr. No.	Test	Observation	Specification
1.	Description	<b>A white, amorphous powder. It is odorless and tasteless.</b>	A white, amorphous powder. It is odorless and tasteless.
2.	Solubility	<b>It is practically insoluble in water, in ethanol (95 %), in acetic acid (100 %) and in diethyl ether</b>	It is practically insoluble in water, in ethanol (95 %), in acetic acid (100 %) and in diethyl ether
3.	<b>Identification (1)</b> A yellow color develops on strong heating, and disappears on cooling	<b>Pass Test</b>	To pass test
	<b>Identification (2)</b> Responds to the Qualitative Tests for zinc salt.	<b>Pass Test</b>	To pass test
4.	Carbonate, and clarity and color of solution	<b>Pass Test</b>	The solution obtained is clear and colorless.
5.	Alkalinity	<b>Pass Test</b>	To Pass test (No color develops.)
6.	Sulfate	<b>Pass Test</b>	Max. 960 ppm
7.	Iron	<b>Pass Test</b>	Max. 10 ppm
8.	Lead	<b>Pass Test</b>	To Pass test (No turbidity produced)
9.	Arsenic	<b>Pass Test</b>	Max. 4 ppm
10.	Loss on ignition	<b>Pass Test</b>	Max. 1.0 %
11.	Assay % (Dried basis)	<b>99.12 %</b>	Min. 99.0 %

**Storage Condition** : Containers—Tight containers.

**Remarks:** The above product complies with above specification.

	Prepared By/Analyzed by	Approved by
<b>Signature</b>		 
<b>Date</b>	04/01/2023	05/01/2023

■ **MOBILE** : +91 97129 66430, +91 98250 66430

■ **EMAIL** : Nilesh@annexechem.com, kalpesh@annexechem.com **WEBSITE** : www.annexechem.com

■ **An ISO 9001:2015 Certified Company** ■ **GST** : 24AAGCA9795F1ZC ■ **Udyam Registration** : UDYAM-GJ-24-0020783