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## Certificate of Analysis

**Product**

**58481 - Nickel (II) Carbonate Basic Tetrahydrate  
extrapure, 44-47% Ni - [12607-70-4, 39430-27]**

**Batch No**

**9407271**

**Analysis Date**

06-Aug-2023

**Date of Manufacture**

August 2023

**Expiry Date/Re-Test Date**

August 2028

**Molecular Formula**

$\text{NiCO}_3 \cdot 2\text{Ni}(\text{OH})_2 \cdot 4\text{H}_2\text{O}$

**Molecular Weight**

376.23

Test Parameters	Standards	Actual Results
Appearance (Colour)	Green	Green
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 10% solution 5N HCl	Clear	Clear
Solubility (Colour) 10% solution 5N HCl	Green	Green
Nickel (Ni) content	44 - 47%	46.5%
Chloride (Cl)	max. 0.01%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.05%	Passes
Iron (Fe)	max. 0.004%	Passes
Cobalt (Co)	max. 0.002%	Passes

FRM/82/11/4/58481 Rev No. 2 Date 05/03/2017

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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