

F-QC-001 Rev.00

## Certificate Of Analysis

Product Name : Nickel Chloride Hexahydrate 98 % AR

Catalog Number : O-5125

Batch Number : 5125-00000000

CAS Number : 7791-20-0

Molecular Weight : 237.69 g/mol

Mol. Formula :  $\text{NiCl}_2 \cdot 6 \text{H}_2\text{O}$ 

Expire Date : 60 Months

**SAMPLE**

| No | Test                       | Specifications                 | Results                        |
|----|----------------------------|--------------------------------|--------------------------------|
| 1  | Appearance                 | Apple green crystalline powder | Apple green crystalline powder |
| 2  | Assay (complexometric)     | min 98.0 %                     | 98.68%                         |
| 3  | pH (5% ,solution in water) | 4.0 - 6.0                      | 4.86                           |
| 4  | Sulphate ( $\text{SO}_4$ ) | max 0.005 %                    | 0.0016%                        |
| 5  | Lead (Pb)                  | max 0.002 %                    | 0.0004%                        |
| 6  | Calcium (Ca)               | max 0.005 %                    | 0.0019%                        |
| 7  | Iron (Fe)                  | max 0.001 %                    | 0.0004%                        |
| 8  | Cobalt (Co)                | max 0.005 %                    | 0.0017%                        |
| 9  | Copper (Cu)                | max 0.001 %                    | 0.0004%                        |
| 10 | Sodium (Na)                | max 0.01 %                     | 0.0008%                        |
| 11 | Zinc (Zn)                  | max 0.001 %                    | 0.0005%                        |

Corresponds to AR / ACS Grade

**LABOTIQ** Standard of Product Reference to Analar standard and ACS specification

SUDIYO S.Si.  
Manager QC