



## **CERTIFICATE OF ANALYSIS**

**Date:** 31/10/12

**PRODUCT NAME :** SODIUM HYDROXIDE PELLETS EXTRA PURE

**CAS No** : 1310-73-2

**Mol. Formula** : NaOH

**Mol. WT** : 40.00

**Product code** : 18500

**Batch No** : MCR-5950

**Mfd** : Oct. 2012

| S. R | Test                                            | Specification | Observation |
|------|-------------------------------------------------|---------------|-------------|
| 1    | Assay (Acidimetric)                             | 97% w/w min   | 97.23 % w/w |
| 2    | Carbonate( as Na <sub>2</sub> CO <sub>3</sub> ) | 2% max        | 1.39%       |
| 3    | Chloride (Cl)                                   | 0.1% max      | < 0.1%      |
| 4    | Sulphate (SO <sub>4</sub> )                     | 0.05% max     | < 0.05%     |
| 5    | Silicate (SiO <sub>2</sub> )                    | 0.05% max     | < 0.05%     |
| 6    | Potassium (K)                                   | 0.1% max      | < 0.1%      |
| 7    | Iron (Fe)                                       | 0.005% max    | < 0.005%    |
| 8    | Zinc (Zn)                                       | 0.02% max     | < 0.02%     |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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