

EM Science
 480 S. Democrat Road
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Name: Sodium Hydroxide
 GR ACS, Pellets
 Meets ACS Specifications

Formula: NaOH

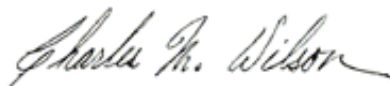
Item Number: SX0590, SX0590/3

Formula Wt: 40.00

Lot Number: 128953

Data Order No: 00050208

| CHARACTERISTIC | REQUIREMENT | | RESULTS | UNITS |
|--------------------------------|-------------|-------|----------|-------|
| | Min. | Max. | | |
| Ammonium hydroxide precipitate | | 0.02 | < 0.02 | % |
| Assay (NaOH) | 97.0 | | 99.1 | % |
| Assay (Sodium carbonate) | | 1.0 | 0.19 | % |
| Chloride (Cl) | | 0.005 | 0.001 | % |
| Heavy metals (as Ag) | | 0.002 | 0.001 | % |
| Iron (Fe) | | 0.001 | < 0.0005 | % |
| Mercury (Hg) | | 0.1 | < 0.1 | ppm |
| Nickel (Ni) | | 0.001 | < 0.0005 | % |
| Nitrogen compounds (as N) | | 0.001 | < 0.0003 | % |
| Phosphate (PO4) | | 0.001 | < 0.0005 | % |
| Potassium (K) | | 0.02 | 0.003 | % |
| Sulfate (SO4) | | 0.003 | < 0.0005 | % |



Charles M. Wilson,
 Quality Assurance Manager

Release Date: 11/11/1999

EM Science
 An Affiliate of Merck KGaA, Darmstadt, Germany