

**CERTIFICATE OF ANALYSIS**

Product Name: POTASSIUM HYDROXIDE PELLETS AR

Code no. : PHI1000 CAS no. : 1310-58-3

Lot no. : A163751509 Mfg date: SEPT-2015

Exp date: AUG-2020 Analyzed on: 03/09/15

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| Sr. no. | Tests | Specifications | Results |
| 1 | Description | White deliquescent pellets | White deliquescent pellets |
| 2 | Assay of KOH | 85.0 - 100.5% | 85.30% |
| 3 | Identification | Passes test | Passes test |
| 4 | Appearance of solution | Passes test | Passes test |
| 5 | Carbonate (as K2CO3) | Max. 1.0% | 0.52% |
| 6 | Chloride (Cl) | Max. 0.005% | 0.0045% |
| 7 | Sulphate (SO4) | Max. 0.003% | 0.003% |
| 8 | Phosphate (PO4) | Max. 0.0005% | 0.0004% |
| 9 | Total nitrogen (N) | Max. 0.001% | <0.001% |
| 10 | Heavy metals (as Pb) | Max. 0.001% | 0.000752% |
| 11 | Iron (Fe) | Max. 0.001% | 0.001% |
| 12 | Calcium (Ca) | Max. 0.005% | 0.001070% |
| 13 | Nickel (Ni) | Max 0.001% | 0.000951% |
| 14 | Sodium (Na) | Max. 0.5% | 0.4211% |

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