

## Certificate of Analysis

**Material Name:** Sodium hydroxide pellets, Hi-AR™/ACS**CAS Number :** 1310-73-2**Material Code :** GRM467**Lot Number :** 0000620353**Molecular Formula :** NaOH**Report No :** 10000573884

TEST	SPECIFICATIONS	RESULTS
Appearance	White hygroscopic pellets	White hygroscopic pellets
Solubility	1000 mg soluble in 1 mL of water	Complies
Calcium (Ca)	<= 0.005%	0.00027%
Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	<= 1.0%	0.81%
Chloride (Cl)	<= 0.005%	Complies
Heavy metals (as Ag)	<= 0.002%	0.000023%
Nitrogen compounds (as N)	<= 0.001%	Complies
Phosphate (PO <sub>4</sub> )	<= 0.001%	Complies
Iron (Fe)	<= 0.001%	Nil
Mercury (Hg)	<= 0.00001%	Nil
Magnesium (Mg)	<= 0.002%	Nil
Nickel (Ni)	<= 0.001%	0.00062%
Potassium (K)	<= 0.02%	0.02%
Sulfate (SO <sub>4</sub> )	<= 0.003%	Complies
Assay (HCl Titration)	97.00% - 100.50%	98.35%

STATUS : APPROVED

QC Release Date : 2023-12-06

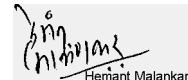
Expiry Date : 2027-12-03



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This is to certify that this lot passes and it confirms to the above mentioned tests and specifications . The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particulars use, other than that specified in the current technical data.

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