

PRODUCT SPECIFICATION SHEET

SODIUM HYDROXIDE 50%

REAGENT GRADE (meets FCC Specifications)

Main Catalog # 291000REA

Test	Specification	Typical Result
Assay (wt.% total solution)	49.0 – 52.0%	50.0%
Assay, dry wt. basis (NaOH), Total Alkalinity, [FCC]	97% to 103% wt. % labeled amount of NaOH	Conforms
Sodium Carbonate (Na ₂ CO ₃) [FCC]	0.1% max	0.05%
Chloride (Cl)	0.002% max	<0.001%
Nitrogen Compounds (as N)	0.001% max	<0.001%
Phosphate (PO ₄)	0.001% max	<0.001%
Sulfate (SO ₄)	0.001% max	<0.001%
Ammonium Hydroxide	0.010% max	<0.010%
Heavy Metals (as Pb) [FCC]	0.002% max	<0.001%
Lead (Pb)[FCC]	10 mg/kg max	< 10 mg/kg
Iron (Fe)	0.0003% max	0.00001%
Potassium (K)	0.03% max	0.01%
Nickel (Ni)	0.001% max	<0.00001%
Mercury (Hg) [FCC]	1 mg/kg max	< 1mg/kg
Arsenic (As) [FCC]	3 mg/kg max	< 3 mg/kg
Identification [FCC]	Positive for Sodium	Pass

Form: Sodium Hydroxide 50%, Reagent (FCC), #201, Rev. 2.4, 6/4/09, PJM

Approved by: E. Frenkel, Director of Quality

Disclaimer: For Industrial/Lab use only. Not intended as a Drug Substance, Medical Device or Disinfectant.
 Appropriate/legal use of this product is the responsibility of the user. (Rev. # disclaimer only, rev 3.6, 07/15, PD)

PHARMCO-AAPER: 58 Vale Road, Brookfield, CT 06804. 1.800.243.5360