

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Sodium hydroxide**
 Specifications & Purity: BP,Ph.Eur.,NF,Low Endotoxin,≥98%,pellets
 SKU # **S774711**

Parameter	Limit Values
Appearance(S774711)	white or almost white pellets deliquescent, readily absorbing carbon dioxide
Solubility:very soluble in water, freely soluble in ethanol(96 per cent)	pass
Assay(acidimetric,NaOH)	98-100.5 (%)
Assay(Na)	54.0-59.8 (%)
Identity(pH)	Passes test
Identity(Sodium)	passes test
Appearance of solution	Conforms
Insoluble substances and organic matter	passes test
Carbonate(as Na ₂ CO ₃)	0-0.02 (%)
Chloride (Cl ⁻)	0-0.02 (%)
Potassium(K)	0-0.05 (%)
Iron(Fe)	0-0.001 (%)
Sulfate(SO ₄)	0-0.02 (%)
(PO ₄)Phosphate	0-0.001 (%)
silicate (as SiO ₂)	0-0.01 (%)
Total nitrogen (as N)	≤0.0005 (%)
Heavy metal (as Pb)	0-0.0005 (%)
Aluminium(Al)	0-0.001 (%)
Arsenic(As)	0-0.0003 (%)
Calcium(Ca)	0-0.005 (%)
Copper(Cu)	0-0.0005 (%)
Mercury (Hg)	0-0.00001 (%)
Magnesium(Mg)	0-0.002 (%)
Nickel(Ni)	0-0.001 (%)
Lead (Pb)	0-0.00005 (%)
Zinc(Zn)	0-0.0025 (%)
Residual solvents (ICH (Q3C))excluded by manufacturing process	
Endotoxins	0-2.5 (IU/g OR u/g)