



Caustic Soda Solution (NaOH)

Product Specification

This specification summarizes typical product characteristics for caustic soda solution (NaOH) supplied as 50% liquid in membrane grade and diaphragm grade. Values shown are typical analytical ranges or maximum limits and are intended for customer reference.

50% Liquid, Membrane Grade

Component	Typical Analysis
Total Alkalinity (as Na ₂ O), wt.%	37.97–40.00
Alkalinity (as NaOH), wt.%	49.00–51.50
Sodium Carbonate (Na ₂ CO ₃), wt.%	0.10 max
Sodium Chloride (NaCl), wt.%	0.01 max
Sodium Chlorate (NaClO ₃), wt.%	0.0065 max
Sodium Sulfate (Na ₂ SO ₄), wt.%	0.008 max
Iron (Fe), ppm	4 max

50% Liquid, Diaphragm Grade

Component	Typical Analysis
Total Alkalinity (as Na ₂ O), wt.%	38.00–39.63
Alkalinity (as NaOH), wt.%	49.00–51.00
Sodium Carbonate (Na ₂ CO ₃), wt.%	0.20 max
Sodium Chloride (NaCl), wt.%	1.10 max
Sodium Sulfate (Na ₂ SO ₄), wt.%	0.075 max
Iron (Fe), ppm	9 max

Notes: Unless otherwise agreed in writing, these values represent typical product characteristics and should not be interpreted as guaranteed specifications for every shipment. Additional quality documentation may be available upon request.

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