Caustic Soda Lye

Liquid sodium hydroxide | 32 to 50% NaOH

PRODUCT OVERVIEW

Liquid sodium hydroxide at 32, 48 or 50% NaOH, ready to dose, for alumina, pulp and paper, soap, textiles and water treatment. Typical values; the concentration and impurity limits are agreed per order.

TYPICAL SPECIFICATION

Characteristic	Units	Typical value	Test method
NaOH content	-	**32%, 48% or 50% w/w (agreed per order)**	Acid-base titration
NaCO	-	**0.1% max, typical**	Titration
NaCl	-	**0.02% max, typical**	Titration
Iron (as Fe)	-	**Typically low ppm; agreed per order**	AAS / ICP
Sulphate (as NaSO)	-	**0.02% max, typical**	Gravimetric / titration
Appearance	-	**Clear, colourless to slightly hazy liquid**	Visual
Density at 20°C	-	**About 1.35 g/cm³ (32%) to 1.52 g/cm³ (50%)**	Hydrometer / densitometer
Crystallisation	-	**Around 6°C (32%) to 12°C (50%)**	-
Solubility	-	**Fully miscible with water; exothermic on dilution**	-

SUPPLY AND PACKING

ISO tank containers, road tankers, 1,000 L IBCs and drums, subject to concentration, quantity and destination. FOB is quoted from Jebel Ali, Port Khalid and Sharjah Hamriyah; CFR and CIF are available on request.

DOCUMENTATION

A Certificate of Analysis is supplied with every shipment. Certificate of Origin and Safety Data Sheet are available on request.

NOTICE

Values are typical and published for reference; they are not a certificate of analysis. Agree the specification of the offered batch, the packing and any destination requirements before ordering.