



Cyrusbioscience

Specification

Sodium Chloride

NaCl

Product Code:	101-7647-14-5
CAS number:	7647-14-5
Formula:	NaCl
Formula Weight:	58.44
Storage:	Store at Room Temperature. Keep dry.

	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Content assay, %	≥ 99.5
Water, on Drying, %	≤ 0.5
Magnesium (Mg), ppm	≤ 10
Sulfate (SO_4^{2-}), ppm	≤ 20
Potassium (K), ppm	≤ 200
Iron (Fe), ppm	≤ 3.0
Bromide, ppm	≤ 100
Nitrite (NO_2^-)	≤ 0.01
Absorbance at 354nm	
Phosphate (PO_4^{3-}), ppm	≤ 25
Solubility (Color)	Colorless
Solubility (Turbidity), 100mg/mL H ₂ O	Clear
pH value, ml	≤ 0.2 (0.02N HCl)
Heavy Metals, as Pb, ppm	≤ 2.0
Barium (As), ppm	≤ 0.4
Aluminium (Al), ppm	≤ 0.2
Average particle size, μM	No definition

Responsible Laboratory Manager Quality Control: Taylor Lin

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