

Product Sheet

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Document: Chlorine
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Liquid Chlorine (ASHTA 14-01)

Parameter	Chemical Specifications	Reference Methods
Purity Min.% (by volume):	99.5	ASTM E 1746
Moisture Max. %	0.010 (100 ppm)	ASTM E 410
Residue, (NVR) Max. %	0.0040 (40 ppm)	ASTM E 410

Physical Properties

Appearance	Amber-colored liquid, vaporizes to a greenish-yellow gas
Density, (Liquid)	91.67lb/ft ³ @32°F
Density, (Gas)	0.2003 lb/ft ³ @ 14.696 psia
Boiling Point	-29.29°F (239.1 Kelvin) @ 14.696 psia
Specific Gravity (Liquid)	1.47 @ 32°F
Vapor Pressure, psig	72 @ 60°F

Note:

- EPA Registration No. 62531-3
- CAS Registry Number: 7782-50-5
- Certified to NSF International Standard 60: Drinking Water Treatment Chemicals at a maximum use level of 30 mg/L
- Meets ASTM E 1120 Test Requirements

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