

CERTIFICATE OF ANALYSIS[®]

CHEMICAL NAME
CHEMICAL GRADE
CAS NUMBER
APPEARANCE
LOT NUMBER
EXPIRY DATE

SODIUM SILICATE SOLUTION
LABORATORY REAGENT
1344-09-8
CLEAR COLOURLESS
RLS-2023-T07
04/07/2026

Warranty Certificate

<i>Test</i>	<i>Specifications</i>	<i>Results</i>
ASSAY (%)	97.9- 99.9%	99.83%
APPEARANCE		COLORLESS LIQUID
DENSITY AT 25 °C (g/mL)	1,35-1.47 °C (g/mL)	1.46 °C (g/mL)
SiO₂%	31 - 35%	32.94%
pH	11 -12.5 pH	12.2pH
PHENOLPHTHALEIN TEST		PASS (PINK, RED)
Na₂O %	12 - 15%	15.71%
SiO₂ TO Na₂O RATIO	2.4 +/- 0.1	2.10
TOTAL SOLIDS	44 - 49	48.65

RLS Chemical warrants conformance of its products against the relevant specification in good faith. In-house quality control procedures include representations provided by production/manufacturing source. A representative batch retention sample of the above-mentioned material has tested according to results above. Shelf life is based on current knowledge and holds only for correct storage in the original closed and sealed containers. Suitability of the product for a particular use or application is not guaranteed. It remains the responsibility of the user to determine such.

APPROVED DATE: 30.05.2024



Quality Control

Quality Management ISO 9001:2015
NIST traceable calibration certified.