Quantab Chloride Titrator

LT-A0047/3 / LT-A0047/4 | Type 1175 and Type 1176

Disposable strips • Two measurement ranges • No electrical supply



40 tests

TEST STRIPS PER PACK

2 ranges

LOW AND HIGH CONCENTRATIONS

Fine aggregate and soil extracts • Water-soluble chloride determination

Photograph and Test Strip Structure

Strip scale, reaction section and portable packaging

Quantab determines chloride concentration in a prepared liquid using a test strip. Fine aggregate and soil require an appropriate extract first. Type 1175 and Type 1176 offer two options for different concentration levels.

TEST STRIPS

Disposable strips operate in contact with the prepared liquid sample.

PRINTED SCALE

Read the developed reaction level using the scale printed on the strip.



LIDDED PACKAGING

The compact container supports storage and transport between field and laboratory.

REACTION SECTION

Liquid advances by capillary action. Convert the resulting boundary using the supplied conversion information.



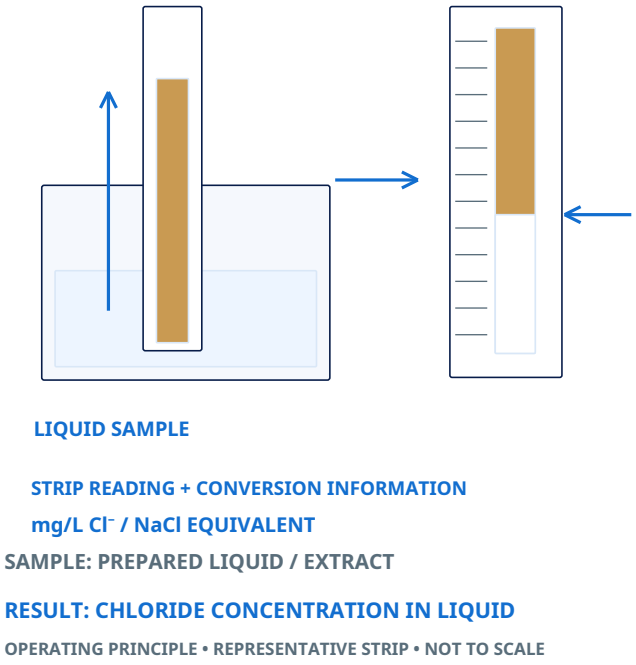
Test strips and printed scale detail



Strip reaction section and scale detail

From Liquid Sample to Chloride Result

Prepare extract • Select the strip • Convert reading to concentration



Prepare the Extract

Prepare a liquid extract from aggregate or soil by the method. Use a clean container and record sample identification.

Select Range and Test

Choose Type 1175 or Type 1176 for the expected chloride level. Insert the strip according to product instructions.

Read and Convert

After the reaction is complete, read the boundary on the scale. Use the supplied conversion information for the result.

Liquid enters the strip and rises through the test section by capillary action. The chloride-related reaction forms a readable boundary. Interpret the scale value using the appropriate conversion information; solid-sample calculations also use extraction and any dilution details.

Two Concentration Options

Type 1175 covers 30–600 mg/L Cl^-, equivalent to approximately 0.005–0.1% NaCl. Type 1176 covers 300–6000 mg/L Cl^-, equivalent to approximately 0.05–1% NaCl.

Both options contain 40 strips per pack. Select the range for the expected chloride level. If an out-of-range sample is diluted by the method, include the dilution factor in the result calculation.

Reading and Record Keeping

Insert the strip as described in the product instructions. Read at the specified completion condition and use the corresponding scale and conversion information.

mg/L Cl^- expresses chloride concentration in the liquid sample. NaCl equivalent uses a different basis. Record sample identification, strip type, extraction details and any dilution factor together.

Model Options and Technical Specifications

Low range: Type 1175 • High range: Type 1176

Product Code	Type	Chloride Range	NaCl Equivalent	Pack
LT-A0047/3	1175	30–600 mg/L Cl^-	Approx. 0.005–0.1%	40 strips
LT-A0047/4	1176	300–6000 mg/L Cl^-	Approx. 0.05–1%	40 strips

Technical Specification	Information
Measured Parameter	Chloride concentration in prepared liquid sample
Sample Applications	Fine aggregate and soil extracts; suitable aqueous samples
Test Format	Disposable titration strip
Operating Principle	Capillary advance and reaction-boundary reading
Result Interpretation	Printed scale and supplied conversion information
Use	Field and laboratory screening
Electrical Supply	Not required
Package Dimensions	75 × 75 × 120 mm; both options
Approximate Package Weight	0.1 kg; both options

Match Strip Range and Result Units

The chloride range is expressed as mg/L Cl^-; NaCl percentage is an approximate equivalent. Solid-sample calculations use sample mass, extract volume and any dilution factor.

Chloride Analysis Workflow

01
Prepare
Prepare the liquid sample or appropriate extract.

02
Test
Select the range; insert the strip as instructed.

03
Read
Read the reaction boundary and convert the value.

04
Record
Record concentration and preparation details.

Product Page | liyatest.com.tr/en/urun/quantab-chloride-titrator/