



Potassium Chloride Solution, 0.075M

Sterile filtered

Product Code: TCL040

Product Description:

Molecular Formula: KCl

Molecular Weight: 74.55

Potassium chloride (KCl), historically called as Muriate of Potash is a salt made up of potassium and chlorine. Potassium chloride solution is a hypotonic solution widely used for cytogenetics. It aids in the spread of metaphase chromosomes by causing enlargement of the cells, allowing in their better analysis.

TCL040 is sterile filtered 0.075M potassium chloride solution.

Storage and Shelf Life:

Store at 15 - 30°C away from bright light.

Shelf life is 24 months.

Use before expiry date given on the product label.

Quality Control:

Appearance

Colorless, clear solution.

Endotoxin Content

NMT 0.5EU/ML

pH

5.00 - 6.00

Sterility

No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.

Disclaimer:

Revision: 02/2026

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