

PRODUCT DESCRIPTION

SupraGLN™, L-alanyl-L-glutamine dipeptide, is a convenient alternative to L-glutamine, a key amino acid utilized in mammalian cell culture media. It is a major energy source for cell proliferation and can support overall cell health. SupraGLN maintains its potency within liquid media during long incubation periods and storage conditions, allowing it to be a more versatile supplement in cellular applications compared to L-glutamine.

USER GUIDELINES

- 1 Add SupraGLN solution to final concentration of 0.5–1X. For example, dilute SupraGLN to 1X by adding 0.5 mL of 100X SupraGLN to 45 mL of pure media for a total of 50 mL of cell culture media.

NOTE: The amount of SupraGLN needed is dependent on cell type. For primary cell culture, highly metabolically active cells, and under a reduced serum environment, use 1/100 dilution, 1X concentration or higher. For other cell types or cultures, a 1/200 dilution or 0.5X concentration is sufficient to maintain cells in a healthy state.

- 2 Mix gently.

PRODUCT INFORMATION

CONCENTRATION:

200 mM or 43.4 g/L

PHYSICAL STATE:

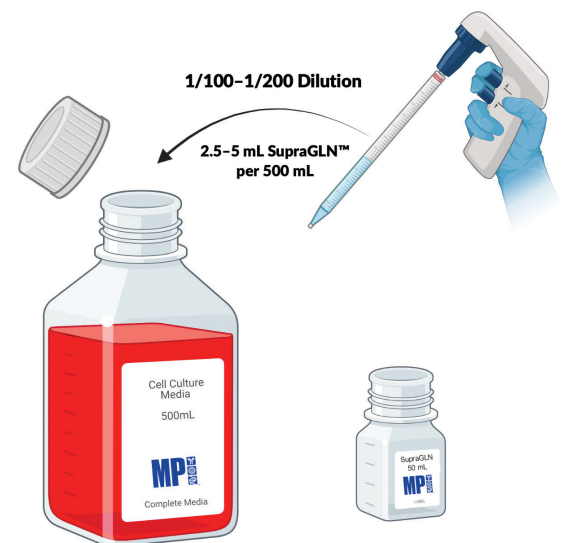
Liquid

STORAGE:

-10 °C to 30 °C

Long-term storage: - 10 °C;

Short-term storage: RT



RELATED PRODUCTS

Name	Cat. No.
Dulbecco's Modification of Eagle's Medium/Ham's F-12 Medium (1:1) w/o L-glutamine, sodium bicarbonate, with 3151 mg/L dextrose	0910468
Dulbecco's Modified Eagle's Medium (DMEM) (1X) with 20 mM HEPES, w/o L-glutamine or sodium bicarbonate	0912334
RPMI 1640 (1X) w/o L-glutamine, phenol red, 500 mL	091646754
RPMI 1640 w/o L-glutamine, 6 x 500 mL	091260254X6



MP BIOMEDICALS

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