

Lifasible

Lot. No. (See product label)

G 418 disulfate salt

This product is plant cell culture tested. CAS NO.108321-42-2. Bacteria and algae require 5 µg/mL or less while animal cells may require 300-500 µg/mL.

G418 disulfate salt is an aminoglycoside antibiotic. Optimal concentrations for selection and maintenance vary by cell lines.

Powder

692.71

Antibiotic G418

C[C@H]1O[C@@H](OC[C@H]2[C@@H](N)[C@H](O)[C@@H](CO)O2)[C@H](O)[C@@H](O)[C@H]1O.N
• 2 H₂SO₄

50 mg soluble in 1mL of water, clear to very slightly hazy, colorless to faintly yellow.

$$\text{C}_{20}\text{H}_{40}\text{N}_4\text{O}_{10} \cdot 2\text{H}_2\text{SO}_4.$$

Store at 2-8 centigrade.

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