

**DESCRIPTION:**

P54 Feed 2 (250X) is a high protein yield, liquid nutrient supplement. It is an animal-origin free partial feed formulation. When combined with P54 Feed 1 (Cat # C4611) and Enhancer Solution (Cat # C4613) it provides up to 10 fold improvement to fed-batch titers versus unfed batch cultures. P54 system provides highest yields possible in a transient system and can be used in CHO cell cultures.

**RECOMMENDED USAGE:**

During a typical fed-batch protein production, two 5% (v/v) doses of feed are required: the first dose is fed on day 1 post transfection followed with one additional feed on day 7 post transfection. Each dose is paired with a 0.4% dose of P54 Feed 2 (v/v). Glucose should be supplemented when its levels are low. Temperature shift may be applied with the first feed.

**OSMOLALITY:**

2400 ± 400

**pH:**

10.0-11.0

**STERILITY:**

Negative

**STORAGE:**

Store at 2-8°C protected from light.