

Synthetic substance petitioned to be allowed in organic infant formula	ANH's Stance	What the NOSB Ruled
Ascorbyl Palmitate	Do not allow.	Do not allow.
Beta-Carotene	Do not allow.	Do not allow.
L-Carnitine	Do not allow.	Do not allow.
L-Methionine	Do not allow.	Allow in infant formula made with soy-based protein.
Lutein	Do not allow.	Do not allow.
Lycopene (currently used in organic infant formula)	Do not allow.	May continue to be used in infant formula.
Nucleotides	Do not allow.	Do not allow.
Taurine	Do not allow.	Do not allow.

<b>NOSB's justification for allowing the synthetic substance?</b>
L-Methionine is a non-milk protein added to soy-based infant formula. The NOSB found that without L-Methionine, there will be no organic soy-based formula option, as there currently is no other non-milk protein available for use.
Although the human body does not produce lycopene, it appears naturally in breast milk in varying amounts (depending on how much lycopene lactating mothers consume). The NOSB found that while natural and organic lycopene is a potential allergen, that is most likely due to the proteins it contains from its originating plant (most likely a tomato). The NOSB "hypothesized" that allergic reactions to lycopene could only be caused by its natural forms, but not by synthetic lypocene.