

Non-Presence of MSG in Daily Complete

Dear PureTrim Customer,

PureTrim takes great care in the formulation and manufacture of its products. We believe that it is critical to provide you with 100% natural herbal, vitamin, and mineral nutrient products.

PureTrim products contain no artificial ingredients. PureTrim **does not add any artificial flavoring or colorant agents to any of its products**. Further to this point, PureTrim **does not add any flavor enhancers**, such as Mono-Sodium Glutamate (MSG) to any of its products.

MSG is a fine white crystal substance, similar in appearance to salt, that is used to enhance flavor. (Some restaurants, as well as home chefs, use MSG as a culinary aide to give bland foods more flavor.) When MSG is added to foods, some people may have certain negative reactions, such as headaches.

Mono-Sodium Glutamate technically is a combination of the sodium salt of the amino acid, glutamic acid and glutamate. Glutamate, itself, is naturally found in our bodies, as well as protein-containing foods. Sodium, itself, is naturally derived from many food sources. Laboratory methodology of testing for added MSG is to simply test for Glutamic acid anions (a naturally present amino acid in protein) and Sodium ions. MSG content is calculated from these results.

False positives for added-MSG occur as a result of this testing methodology. If amino acids derived from protein are present along with any amount of sodium, a false positive for this test would suggest that MSG is added to a product. To fully investigate, whether a product has MSG added to it, the protein source itself must be tested to determine the amount of natural glutamic acid that it contributes to the overall amount of glutamic acid in the product.

An independent pharmaceutical laboratory has tested the Daily Complete product for MSG. It concluded that **no MSG was added to Daily Complete**. Any appearance of glutamic acid was simply a result of naturally occurring amino acids from the green pea protein source.

Thank you,

PureTrim Product Development Team



Integrated Biomolecule Corporation

PRODUCT ANALYSIS

COMPANY:  PURETRIM®

Product Name: Daily Complete + (30 fl oz / 886ml)	Lot Number: undesigned	P.O. Number: MB
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Analyte	Result	Unit
Glutamic acid (free acid anion)	3.709	mg / 30 ml
Sodium ion (cation)	1.164	mg / 30 ml

Incorporating:

Product Name: Hydrolyzed pea protein	Lot Number: undesigned	P.O. Number: MB
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Analyte	Result	Unit
Glutamic acid (free acid anion)	93.455	mg / g

NOTE: the apparent presence of Mono-sodium-Glutamate in the Daily Complete product can be attributed as being of hydrolyzed pea protein origin. As a sub-component of the multi-component blend (containing sodium ions from other sources) this appears as though mono-sodium glutamate has been added. However the manufacturing record indicates inclusion of hydrolyzed pea protein to a sufficient extent to account for all of the observed glutamic acid in the finished product. Therefore the calculated finding of mono-sodium-glutamate is an artifact of the blend and is not considered to be an integral additional component of the blend.

Daily Complete does not contain any added MSG

This Product Analysis is subject to our Standard Terms, including our services and reports (i) are for the benefit of our client only and may not be relied upon by any other party and (ii) relate solely to the sample(s) in our possession and cannot be applied to any other material.