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**Date:** January 17, 2006

## Analytical Report

Sample:	Scivation <b>Sesamin Softgels</b>	Lot Number:	<b>9178</b> <b>12/2007</b>
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Analyte	Result	Unit*
Sesamin	612.3	mg / cap
Sesamolins	2.464	mg / cap
Sesaminol	0.121	mg / cap
Total Sesamin Lignans	614.9	mg / cap

\* Analysis performed on a composite sample taken from ten capsules. Average fill weight in mg = 1096

Lignan analysis performed by HPLC method adapted from: Ryu, SN, Ho, CT, Osawa, T. May 1998, 'High performance liquid chromatographic determination of antioxidant lignan glycosides in some varieties of sesame' Journal of Food Lipids, vol. 5, no. 1, pp. 17-28. Semipreparative RP-18 HPLC was used to separate the sesamin and sesamolins constituents in high purity (> 99%) to be used as standards for the quantification of the lignans by analytical RP-18 HPLC.

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