



INTEGRATED BIOMOLECULE CORPORATION

## IBC Labs

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**Company:** MAN Sports Products, Inc.

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### ANALYTICAL REPORT

Sample: <b>Vaporize</b>	Lot Number: <b>8940 9/2007</b>
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Analyte	Result	Unit*
Sesamin	283.5	mg / cap
Sesamolol	26.01	mg / cap
Sesaminol	11.94	mg / cap
Total Lignans	321.4	mg / cap

\* Analysis performed on a composite sample taken from ten capsules. Average fill weight in mg = 983.6

Sesamin 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 sesamolol 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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