

## ***Windsor Laboratories***

894 Hawthorn Avenue • Mechanicsburg, PA 17055

Phone: (717) 796-0537 • Fax: (717) 796-0537

Microscopic Evaluation of Agricultural Products

Members of the American Oil Chemists Society (AOCS)

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TO: John Bihn, Teamwork Manufacturing, 309 U.S. Route 40 East, Lewisburg, OH 45338

RE: Microscopic Analysis

I received from Teamwork Manufacturing four samples of ground corn of varying particle sizes. The purpose of this analysis was to examine each sample to ascertain the condition of the germ pouch of the corn kernels after grinding.

Each of the samples was examined under the stereo microscope (10X) and then the compound microscope (100X & 400X). Based upon this examination, intact germ pouches were observed in only the coarsest grind. Intact germ pouches were not observed in the three finer grinds. However, the examination under the compound microscope revealed that in the case of each of the three finer grinds, the cells of the germ pouch remained unbroken.

IN summary, only the coarsest ground sample contained intact germ pouches. All four samples contained unbroken germ cells.

Please contact me if you have questions or concerns regarding this analysis.

Sincerely,

James V. Makowski, PhD.

Microscopist

[makowski@messiah.edu](mailto:makowski@messiah.edu)