**Analisis Pengendalian Kualitas Kerupuk Ubar Abir Mentah dengan Metode**
*Statistical Process Control* **(SPC) pada UD. Barokah di Kabupaten Jember**
(*Analysis Ubar Abir Raw Crackers Quality Control by Using Statistical Process Control (SPC) Method at UD. Barokah in Kabupaten Jember*)

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## ABSTRACT

*Cracker agroindustry is one of the industries that process agricultural products that have good potential to be developed. UD. Barokah is a raw cracker producer that has been established since 1999 in Jember Regency. One of the products produced by UD. Barokah is a raw ubar-abir cracker. Raw ubar abir crackers are the most liked crackers by UD. Barokah consumers so, the production process raw ubar abir crackers are needed quality control to minimize the happening of product defects. This survey aims to analyze quality control, analyze the application of Statistical Process Control (SPC) and determine the capabilities of UD. Barokah in producing raw ubar abir crackers according to standards. The analytical techniques used in this study include pareto diagrams, causes-effects diagrams, control chart and process capabilities. Based on the results of research conducted for 25 times, it is known that in the application of the control map, it is produced there are points beyond the control limit on the integrity attribute there are 2 points and cleanliness there are 3 points. The most common attributes of disability are integrity, uniformity of color and cleanliness.It is known that the frequency with which there are many defects of 48% is in the cleanliness attribute of raw ubar abir crackers caused by human factors, methods, machines and the environment and the ability of the production process in UD. Barokah on each attribute successively integrity, uniformity of color and cleanliness is 93%, 95% and 89%.*

*Keywords: quality control, ubar abir crackers, statistical process control*