ANALYSIS OF QUALITY CONTROL IN PRODUCTION OF PESTICIDES (PRODUCT MIPCINTA 50 WP) IN PETROKIMIA KAYAKU

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Abstract
Along with the rapid developments in the agricultural sector, the more opportunities to produce poison pests. One company that can survive are PT. Petrochemicals Kayaku, this company can survive for always maintaining the quality of their products so as not to disappoint consumers. One of the products produced by this company is Mipcinta 50 WP-gammer 5 variables including levels of MIPC quality, Bulk Density, pH, wetting Time, Particle Size. Where products Mipcinta 50 WP is one pesticide product with the type of insecticide in the form of te-back. Since the main purpose of this company is to always maintain the quality of their products then this becomes the basis for research, where research was conducted to determine whether the products are controlled by statistic metod who used to do research is to use the map T2 hottelling where in use hottelling T2 map shows that the product Mipcinta 50 WP control. Once controlled, it can be analyzed using analysis of process capability. In this process Mipcinta 50 WP capable product.

Keywords: Mipcinta 50 WP, Variable Quality, Hottelling T2 Maps, Process Capability Analysis