

# RESEARCH STUDY RESIDUAL MOISTURE IMPACT ON DEVELOPMENT FLOWING MIXTURE IN CAPSULES "API-IMMUNO-VIT"

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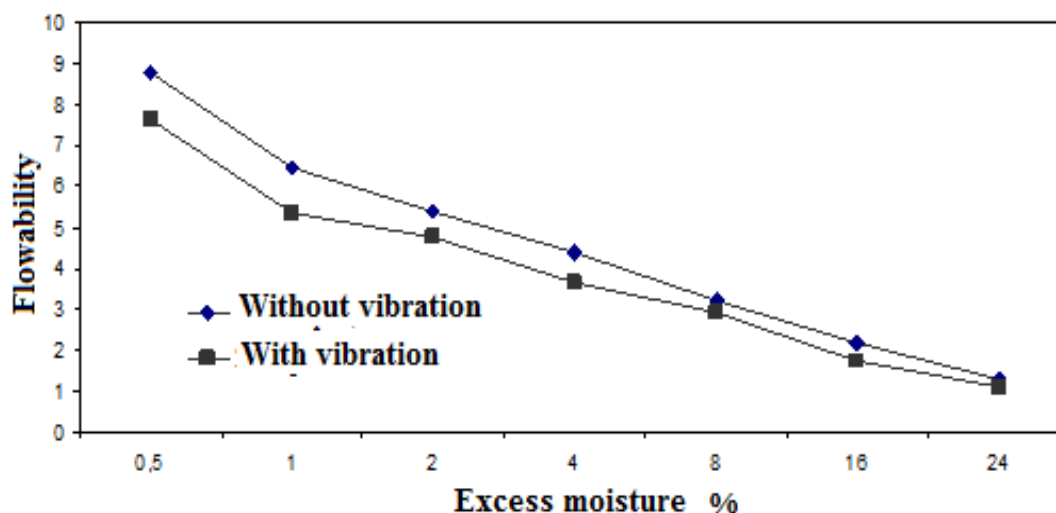
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**Introduction.** Development efficient production technologies capsules "Api-Immuno-Vit" and the definition of residual moisture to flow mixtures of active substances with adjuvants.

**The aim of the study.** Due to the physical, physicochemical and pharmacological properties of individual action technological substances that are part of the drug "Api-Immuno-Vit" was necessary to study the effect of residual moisture on the flow mixes in the development of this drug.

**Materials and methods.** We were prepared mixture model chosen composition with different relative humidity and fractional composition granules and then studied the effect of residual moisture and fractional composition of granulate mixtures for technical performance and quality investigated capsules.

**The obtained results.** Analysis of experimental data regarding the impact of residual moisture to flow mixtures for filling capsules showed that an increase in residual moisture of the granulate mixtures flow decreases. Especially pronounced decrease the flow rate granulate mixtures with a moisture content of 1.5%, which can affect the quality capsules.



**Conclusions.** Thus, analyzing the results of the study expedient to conclude that in the preparation of the drug "Api-Immuno-Vit" is necessary to prevent increase in residual moisture.