

5. Metrological aspects of pharmaceutical analysis

1. Gryzodub O., Levin M., Leontiev D., Georgievsky V. Standardization of chromatographic analysis of medicines. Part 1. Metrological aspects of HPLC application // Фармаком. - 1995. - N 7, - с. 8-19; N 10, с. 22.
2. Gryzodub O., Leontiev D., Dotsenko T., Denisenko N. Metrological aspects of officinal drug quality control procedures. 3. Performance of an assay under simultaneous quality control of a few drug product samples by chromatographic methods // Фармаком. – 2002. - № 4. – С.6-14.
3. Gryzodub O., Leontiev D., Levin M., Asmolova N., Vyrova E... Metrological aspects of official methods of medicine quality control. 2. Realization of “Content uniformity” and “Dissolution” tests under production quality control. 1. General experimental scheme // Журн. органічної та фармацевтичної хімії. – 2004. – Том 2, випуск 1(5). – С. 24-34.
4. Gryzodub O., Leontiev D., Levin M., Asmolova N., Vyrova E... Metrological aspects of official methods of medicine quality control. 2. Realization of “Content uniformity” and “Dissolution” tests under production quality control. 2. Assay of tablets “Baralgin” // Журн. органічної та фармацевтичної хімії. – 2005. – Том 3, випуск 1(9). – С. 60-64.
5. Leontiev D., Gryzodub O. Metrological control of quality of measurement results // Фармаком. – 2007. - № 2. – С. 16-25.
6. Gryzodub O., Leontiev D., Terno I., Kotov A. Metrological aspects of the “Loss on drying” and “Water” tests for drug substances and drug products // Фармаком. – 2010. - № 4. – С. 7-25.
7. Chikalova S., Gryzodub O. Assessment of procedure uncertainties of drug substance titrations with use of step-by-step approach // Фармаком. – 2011. - № 3. – С. 11-31.
8. Chikalova S., Gryzodub O. Criteria of acceptability of drug substance quality control results by use of a titration method // Фармаком. – 2012. - № 3. – С. 41-54.
9. Leontiev D., Gryzodub O. Qualification of measuring equipment: the metrological concept // «Фармацевтическая отрасль» - 2013, сентябрь № 4 (39), с. 28-31.
10. Leontiev D., Gryzodub O., Zinchenko O., Dorunda I., Zinchenko I. Part 2. Realization of the metrological concept for UV-VIS spectrophotometers // «Фармацевтическая отрасль» - 2013, октябрь № 5 (40), с. 106-110.
11. Leontiev D., Gryzodub O. Metrological control of analysis results. Specificity of uncertainty concept applicability for pharmaceutical analysis // Разработка и регистрация лекарственных средств. – 2013. - № 4 (5). – С. 68-75.
12. Chikalova S., Gryzodub O. Some aspects of balances acceptability for pharmaceutical analysis // Фармаком. – 2014. - № 1. – С. 25-29.
13. Chikalova S., Gryzodub O. Assessment of influence of “Loss on drying” test results on assay results for the titration method // Фармаком. – 2014. - № 2. – С. 64-66.
14. Komarova J., Leontiev D., Gryzodub O. Quality assurance of results for basic operations of sample preparation: volumetric flasks // Фармаком. – 2014. - № 1. – С. 48-57.
15. Leontiev D., Gryzodub O. Metrological control of analysis results: Requirements to the assay maximum acceptable uncertainty and quality assurance of production // Разработка и регистрация лекарственных средств. – 2014. - № 3 (8). – С. 114-121.
16. Komarova J., Leontiev D., Gryzodub O. Quality assurance of results for basic operations of sample preparation: volumetric pipettes with one mark // Фармаком. – 2014. - № 4. – С. 13-22.