



Curriculum Vitae

Personal information **Julija Lohina**

Work experience

1. Employer: SIA Pharmidea
 - Start date: 062013
 - End date: 102018
 - Position: Senior Analyst
 - Activities: 1) writing/reviewing Standard Operating Procedures (SOPs); 2) calibrating analytical equipment, as and when required; 3) sampling and testing of raw materials, intermediates and finished products using current pharmacopoeias or "in_house" methods; 4) preparing Quality reports, including analytical reports (for raw and finished products), Certificates of Analysis (CoA) and stability reports. 5) stability/finished product testing using physical (pH, viscosity, density, TLC) and instrumental (HPLC, UHPLC, UV/VIS, KF) techniques; 6) observing and complying with Good Manufacturing Practice (GMP); 7) participating in self inspections and regulatory inspections.
 - Country: Latvia
2. Employer: AS Grindeks
 - Start date: 102018
 - End date: 042019
 - Position: Chemistry analyst
 - Activities: 1) develop and validate methods for various analytical techniques for finished drug products, according to validation guidelines (ICH); 2) preparing analytical method development, validation and test reports; 3) perform instrument and method troubleshooting as needed.
 - Country: Latvia
3. Employer: State Agency of Medicines of the Republic of Latvia
 - Start date: 042019
 - End date:
 - Position: Senior expert analyst
 - Activities: 1) ensures the control of samples of medicines; 2) the testing of medicines manufactured in Latvia and foreign states by determining the compliance of samples of the medicines with the requirements of normative documentation submitted for authorization; 3) perform the testing of purified water samples from pharmacies; 4) assesses the compliance of medicinal product quality documentation with the requirements of normative acts.
 - Country: Latvia

Education and training

1. Subject: University of Latvia
 - Start date: 092010
 - End date: 062013
 - Qualification: Bachelor degree of Natural science in chemistry
 - Organisation: students receive both extensive theoretical knowledge in a variety of chemistry subsections, as well as practical skills for working in chemistry laboratories and practical knowledge for conducting scientific research: 1) demonstrate safe laboratory practices; 2) appreciate and utilize a number of organic and inorganic reactions, including processes involving metal ions; 3) formulate the synthesis of a number of compounds using organic or inorganic chemistry processes. My Bachelor's thesis was about preparation of polymorphs of pharmaceutically active compound Furazidine using X_{ray} powder diffraction. Various methods have been employed to prepare Furazidin polymorphs: crystallization from different solvents, crystallization with pH change, desolvation of solvates and thermal treatment. The relative stability, stability at high temperature and humidity of polymorphs of Furazidin was evaluated.
 - Country: Latvia
2. Subject: University of Latvia
 - Start date: 092013
 - End date: 062015
 - Qualification: Master degree of Natural science in chemistry
 - Organisation: The Master's programme gives students an in_depth knowledge not only food analysis, chemical analysis of air and water environment, but also professional courses, for example, mass spectrometry, Gas_ and High_Pressure Liquid Chromatography and other instrumental methods. My Master's thesis was about development of residual water content determination method for selected sterile lyophilisation products. A residual water content in sterile products was investigated using DTA/TG, Karl Fisher titration and spectroscopic analysis methods.
 - Country: Latvia
3. Subject:
 - Start date: 052018
 - End date: 052018
 - Qualification: Empower 3 software training for HPLC data processing
 - Organisation: 1) Instrument method: detailed description of the used instruments; 2) Comparison of Traditional and Apex track integration; 3) Parameters of the Component Table: exercise with case studies; 4) Audit trail functions; 5) Peak Grouping and System Suitability functions; 6) Creation of Custom Fields in Empower 3; 7) Manipulation and change protection for reports.

- Country: Latvia
- 4. Subject:
 - Start date: 092019
 - End date: 092019
 - Qualification: Data Integrity in GMP context _ overview and regulations
 - Organisation: 1) Data Integrity Assessment for a System; 2) Raw data (production, laboratory _ briefly); 3) Hybrid system problems; 4) Comparison between Data migrations and Data transfer; 5) Risk assessment and DI (Data Integrity) compliance.
 - Country: Latvia
- 5. Subject: Measurement Uncertainty: when combined estimation approaches are useful
 - Start date: 102023
 - End date: 102023
 - Organizer: EDQM Council of Europe (Webinar)
 - Topic: Evaluation and reporting of Measurement Uncertainty.
- 6. Subject: Module 4: Microbiology
 - Start date: 012024
 - End date: 012024
 - Organizer: EDQM Council of Europe (Webinar)
 - Topic: Sterility test, rapid microbiology methods, pyrogenicity.
- 7. Subject: Hands-on training "Nitrosamine/Mutagenic impurity testing applying LC-MS/MS methods"
 - Start date: 062024
 - End date: 062024
 - Organizer: EDQM Council of Europe
 - Topic: Method development for nitrosamine quantification: single quad, GC or LC-MS/MS
- 8. Subject: New GMP Inspector Training
 - Start date: 032025
 - End date: 032025
 - Organizer: HPRA Health Products Regulatory Authority
 - Topic: inspection skills, introduction to biotech Processes, aseptic Filling, QC laboratories, cleaning and sterilization of equipment.
- 9. Subject: GMP training on Data integrity
 - Start date: 102025
 - End date: 102025
 - Organizer: EU4H11 AGES
 - Topic: inspection of Computerised systems, root cause analysis and evaluation of CAPAs, virtual reality training

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