

Lihl Levy

R&D CHEMIST RESEARCHER

ABOUT ME

I am a creative with out-of-box thinking and detail-oriented chemist with 5+ years experience in the chemistry industry. I have experience in designing, development and process engineering of products.

CONTACT

☎ 052-3913014

📍 Rishon LeZion

✉ lihi.l1986@gmail.com

WORK EXPERIENCE

New Phase LTD | R&D chemist

2017 - 2020

- Hands-on laboratory experience on designing of novel composite nanoparticles and organic polymer synthesis from the formulation development stage to implantation at production line in clean room
- Designed of scale-up process methodology of polymer synthesis.
- Responsible for continues routine monitoring the production process including the solving the raised problems in synthesis and equipment during the production
- Engineering of new filtration system utilized for human clinical batches from the laboratory design development to clean room implantation including validation .
- Led to design of Gamma irradiation sterilization as a final sterilization.
- Worked under GLP standards: writing of protocols and reports, executing and analyzing experiments according to the protocols.
- Responsible for organizing the lab and clean room tasks time-lines including the equipment calibration and their maintenance.
- Responsible for the students lab technicians training and time-lines tasks
- Build collaborative relationships with the clean room and relevant teams to understand their processes and quality needs

Camtek, FIT division | R&D chemist

2014- 2016

- Developed a solder mask injectable formulation according to the IPC demands
- Worked with various polymers, pigment and formulation additives
- Carried-out formulation stability testing

EDUCATION

M.Sc. / The Hebrew University (2012-2016)

Master's thesis subject: "development of photothermal conversion coating containing CNT" under Supervisors: Prof S. Magdassi and Prof D. Mandler

B.Sc / The Hebrew University

2008-2011 Majoring Chemistry

Military Service

2004 – 2006 – Medical assistant course in bahad 10, servies in lotem center in zrifin

Skills

- Instruments: Reflectometer, UV-Vis-NIR Spectrophotometer, Profilometer, SEM, Viscometer, Contact angle, TGA, Rheometer, DLS, pH, ICP
- Office: Word, Power point, Excel.

LANGUAGES

English: High level

Hebrew: Native speaker