



The Essential  
is Inside

2024

Company profile



# INTRODUCTION

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- › **Czech, privately owned** company, member of CZECH-GEN a.s.
- › **since 1934** - tradition of industrial chemical production
- › globally active – **80 countries** worldwide
- › focused on **R&D, manufacturing** and marketing of:
  - **Generic API's**
  - **Advanced intermediates**
  - **Chemical specialties**
- › open to **Contract Manufacturing** and **Custom Synthesis**
- › flexible, reliable and **customer oriented** partner



# LOCATION

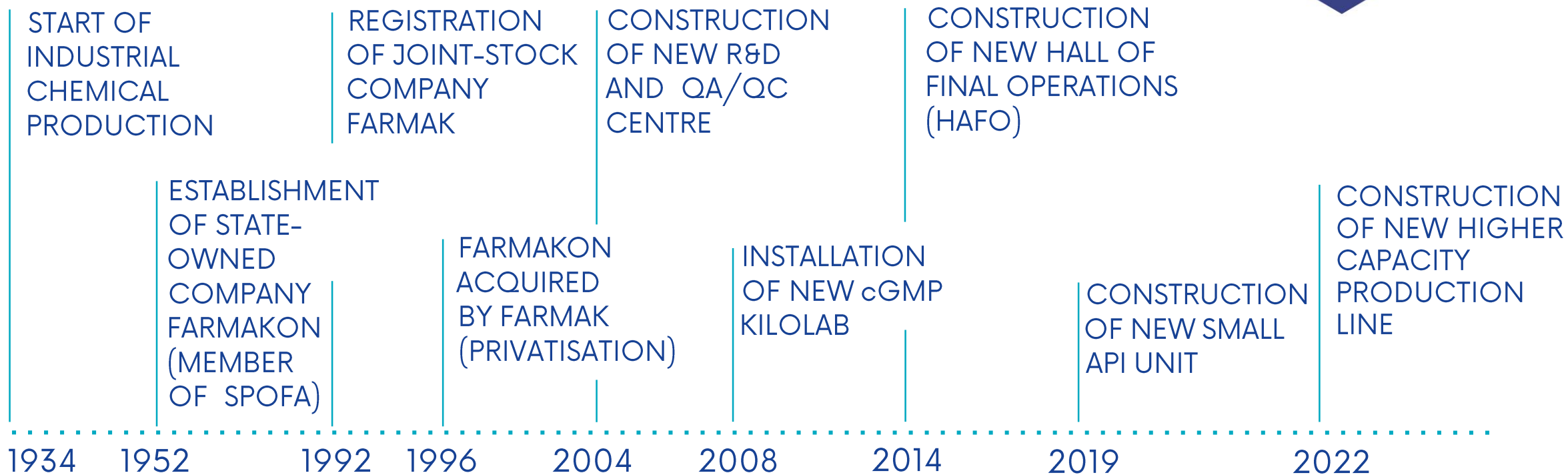


European Union



Czech Republic

# HISTORY

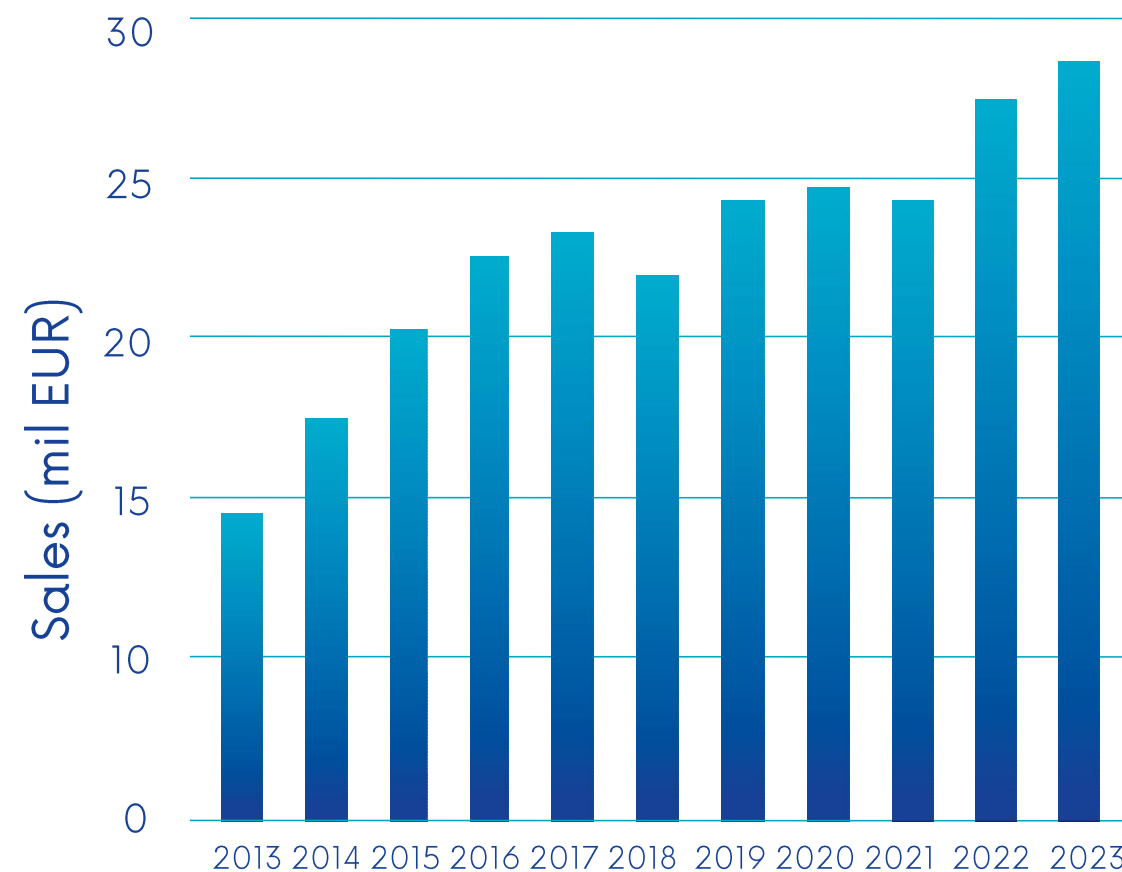
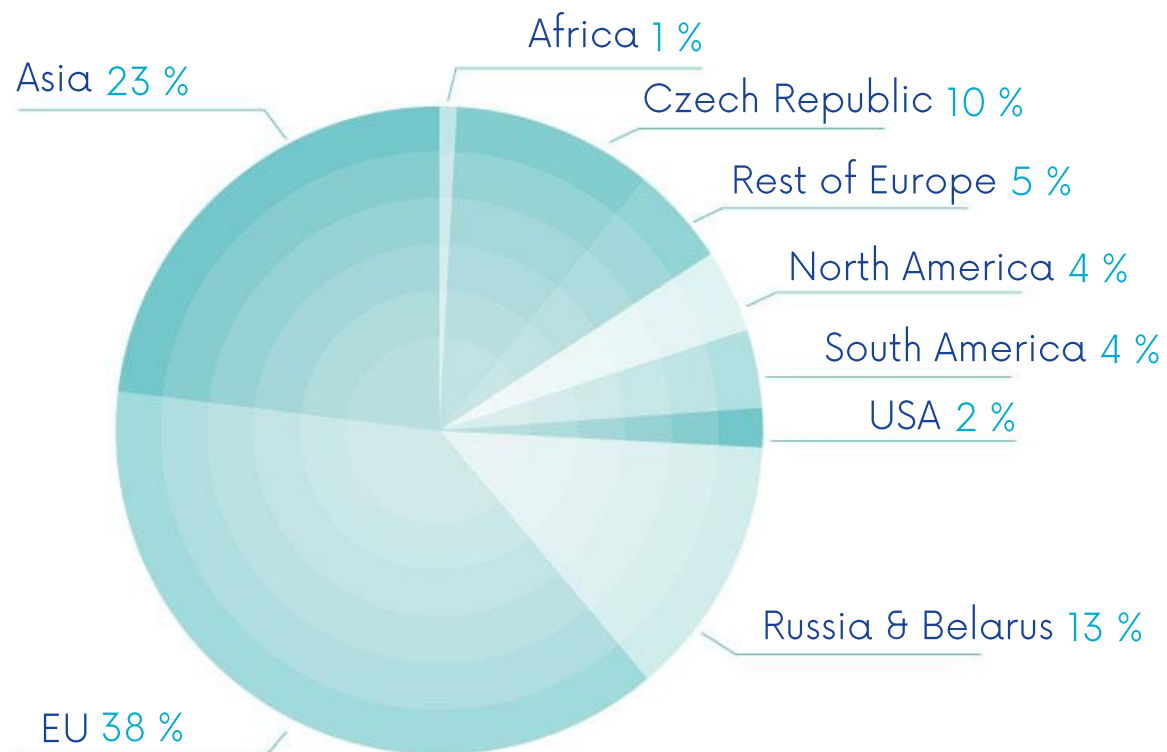


# SALES AND MARKETS



- › More than 200 business partners in 80 countries worldwide.
- › Export level in sales approx. 94%

## TERRITORIES



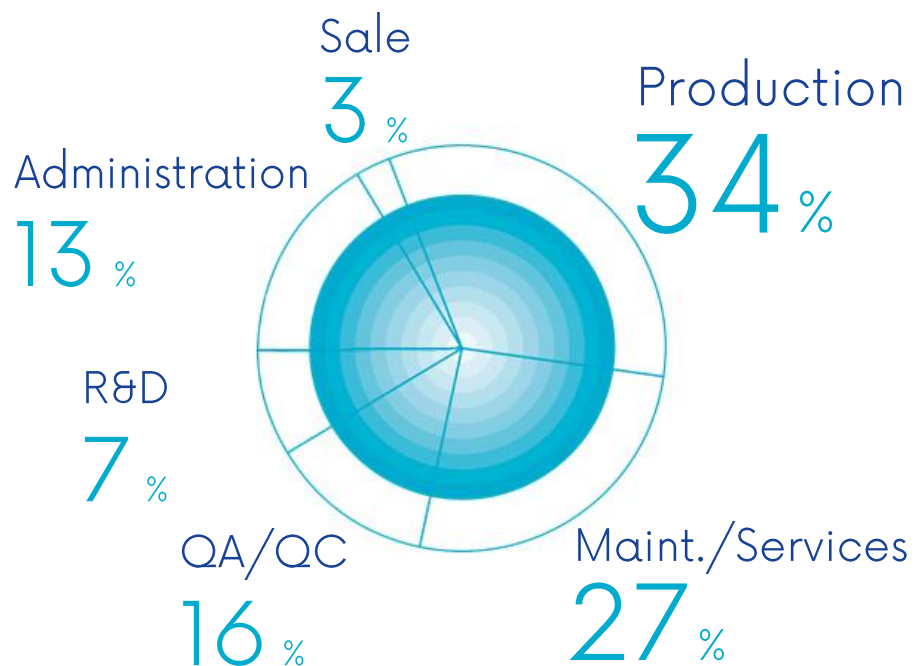


# HUMAN RESOURCES

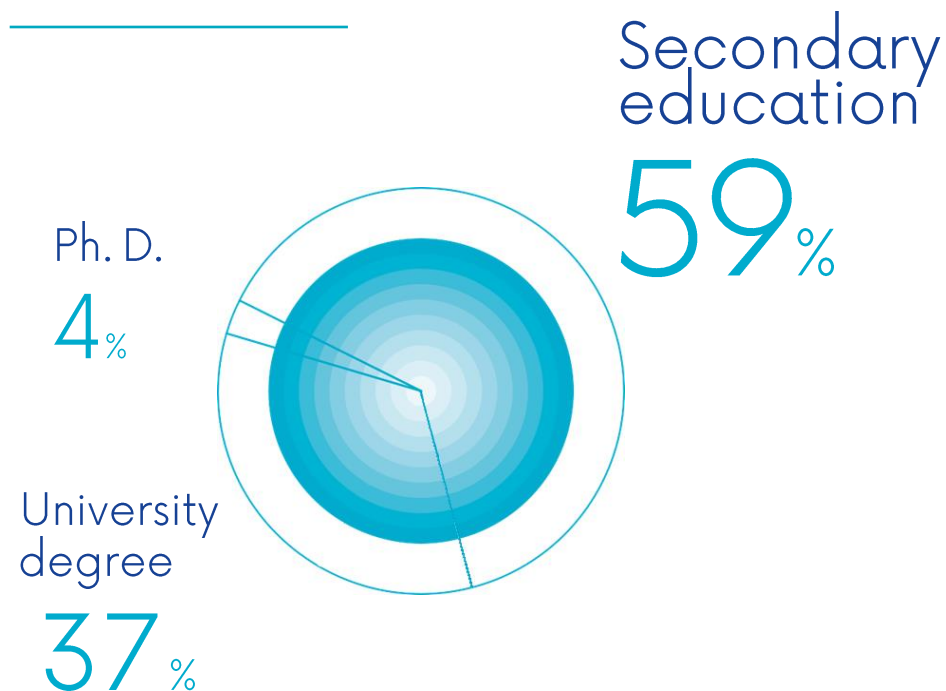


› **Approx. 281 employees**

## STRUCTURE



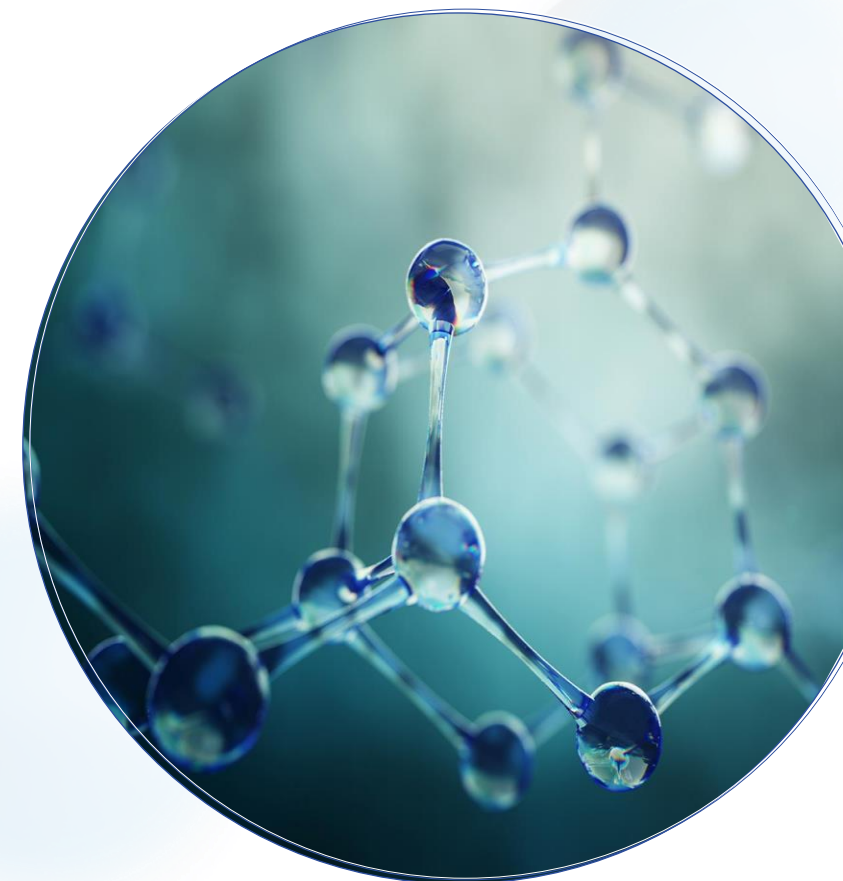
## EDUCATION



# QUALITY MANAGEMENT SYSTEM



› Inspected by authorities on regular basis



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# INSPECTIONS & CERTIFICATES HISTORY



## PSCI



2016

2018

2020

2022

2015

2017

2019

2021

2023



PSCI



\* Re-certification ISO audits



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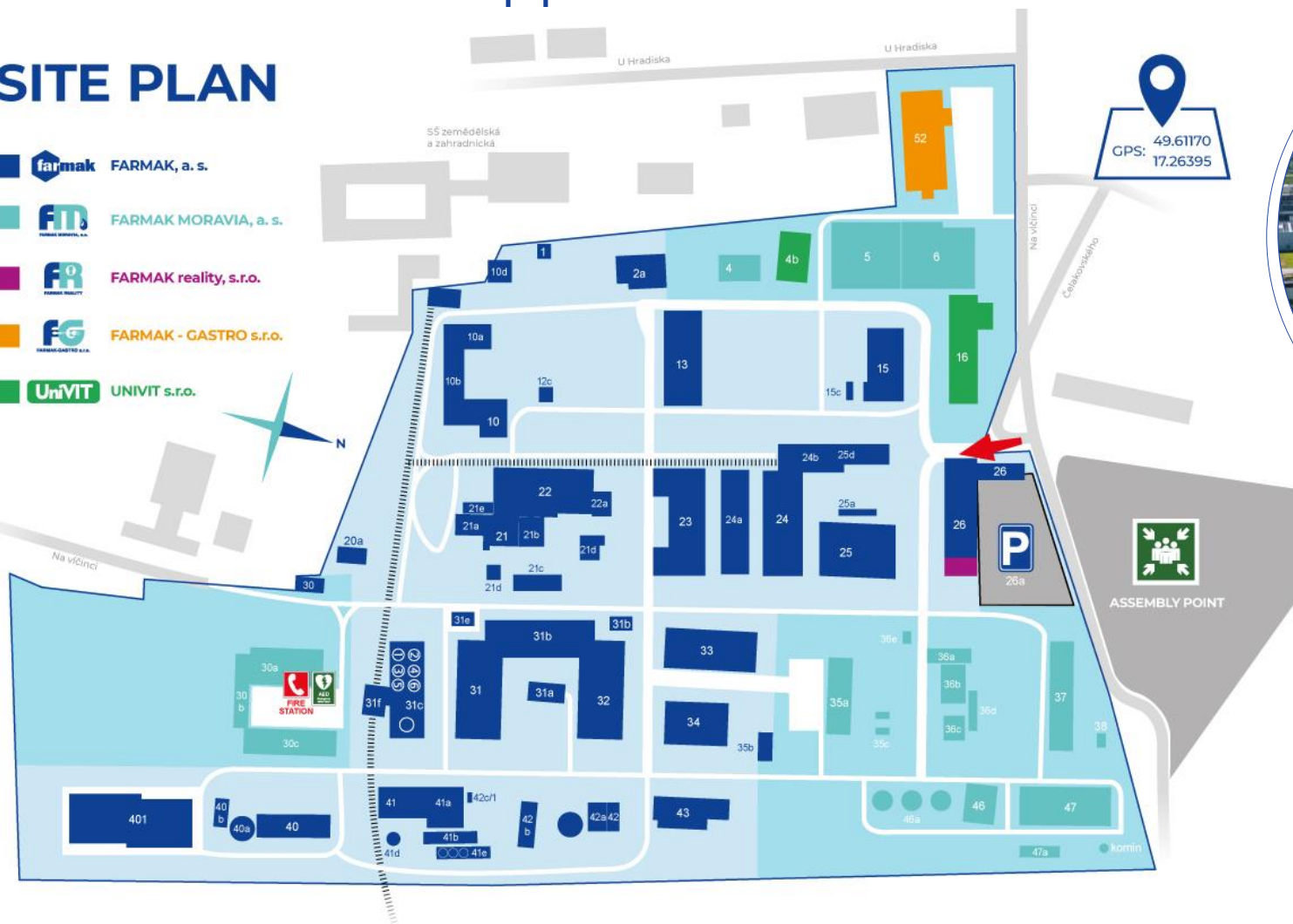
# PRODUCTION FACILITIES



› Facilities area: approx. 36,000 m<sup>2</sup>

## SITE PLAN

- FARMAK, a. s.
- FARMAK MORAVIA, a. s.
- FARMAK reality, s.r.o.
- FARMAK - GASTRO s.r.o.
- UNIVIT s.r.o.



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# PRODUCTION HALLS



- › Glass-lined, stainless steel jacketed reactors (typical volume is 1,600 litres)
- › Total reactor capacity: 100 m<sup>3</sup>
- › Batch size 5 - 250 kg
- › Reaction temperatures between -20 and +300 °C



- › Reaction pressure between -80 and +300 kPa
- › Product separation - centrifuges, filters, filter/dryers (some of them of Hastelloy C22)
- › Drying equipment (some of them of Hastelloy C22)





# KILOLAB + Small API Unit



- › Büchi ChemReactor CR: 2 x 60 L, 1 x 15 L , 3 x 400 L
- › Cryogenic technology (temperature -90 – 175°C)
- › Glove box
- › Mobile Pressure Filter
- › Hastelloy C22 Process Filter
- › HVAC system
- › Protected area for raw material dispensing
- › Isolation of material in clean rooms class D
- › 0.2 – 5 kg batches (KILOLAB) and 5 – 20 kg (Small API Unit)



# R&D AND QA/QC CENTRE



## Analytical Centre – QC Department

- › Production sample service – raw materials, intermediates, final samples
- › Standards, stability studies, validation of methods, chemical monitoring of water

## Instrumentation

- › Capillary Electrophoresis
- › NMR, UV/VIS, IR and XRPD
- › LCMS, GCMS, GC, HPLC/UHPLC
- › Spectrometry and DSC
- › Laser Particle Size Analyzer (Malvern)



## R&D Analytical Department

- › Structural analyses
- › Purity / impurity profile analyses
- › Development of analytical methods



# ECOLOGY AND SAFETY



- › Certified integrated system **ISO 9001** and **ISO 14001**
- › Own wastewater treatment plant
- › **Responsible Care certificate holder for more than 20 years**
- › Approved by **SEDEX** – Ethical and Responsible Supply Chain since 2015, site reference ZS1073996
- › Involvement in the national System of Assistance in Accidents Related to Transportation of Dangerous Materials
- › Own fire department
- › Silver EcoVadis Medal for Sustainability







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**FARMAK, a.s.**

Na vlčinci 16/3 | Klášterní Hradisko

779 00 Olomouc | Czech Republic

tel.: +420 587 430 259 | e-mail: [info@farmak.cz](mailto:info@farmak.cz)



[www.FARMAK.cz](http://www.FARMAK.cz)