

# Focus Analytics

NEWSLETTER OF THE PRODUCT LINE ANALYTICS

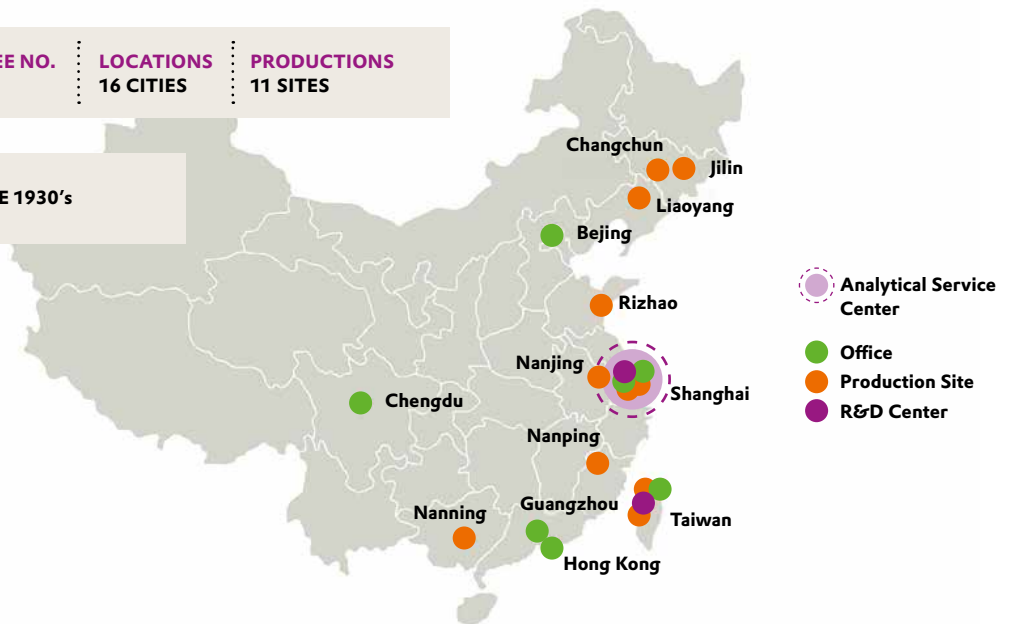
SEPTEMBER 2017


**SALES IN 2016**  
 ~ €1.3 BILLION

**EMPLOYEE NO.**  
 ~ 3,000

**LOCATIONS**  
 16 CITIES

**PRODUCTIONS**  
 11 SITES

**FIRST OFFICE IN CHINA SINCE 1930's**
**SH**
**REGIONAL HQ  
 R&D CENTER**


YOUR PARTNER FOR INNOVATIVE ANALYTICAL SOLUTIONS

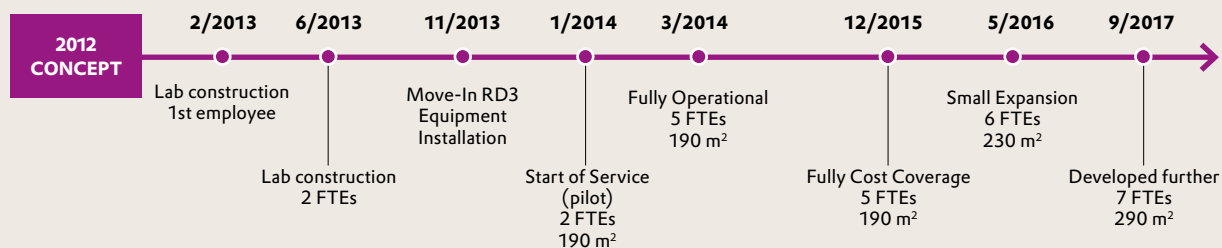
## Analytical Service Center in the Greater China Region

**Evonik Industries has been producing specialty chemical products in the Greater China region (Mainland China, Hong Kong and Taiwan) since the late 1970's, with wide-ranging trading relations already in place in the region prior to this. Evonik regards Greater China as one of the driving forces of the global economy and works intensively to grow its business in the region.**

For years, Evonik has been stepping up research and development in the Asian growth markets, aiming to help strengthen the competitiveness of our Asian customers through research and application technology geared specifically to regional megatrends and local needs. Alongside our application technology laboratories at several sites, the R&D center in Shanghai-Xinzhuang plays a key role in Evonik's global R&D strategy. Its rapid expansion since 2003 reflects Evonik's strong focus on "innovation in China for China".

In order to support the development of Evonik's business in the Greater China region, the Analytics Product Line established its first branch outside of Germany in Shanghai: The Analytical Service Center was established on the Xinzhuang site (regional headquarters of Evonik in China). It accompanies the strategic approach of Evonik to increase efficiency in Analytics and R&D, to protect intellectual property, and to foster regional innovation in order to strengthen Evonik's image as the most innovative company. >>>

## Development of the Analytical Service Center



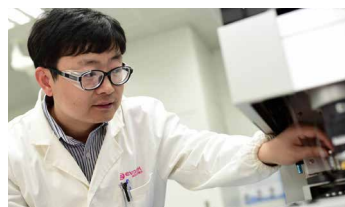
▶▶ Since its beginnings in 2012 the Analytical Service Center has developed very fast. Within five years the lab grew to have seven employees facilitating a broad range of analytical techniques. Now we provide professional solutions for various analytical problems with a broad method portfolio, ranging from chromatography to spectroscopy, from titrations to elemental analysis, and from particle characterization to thermal analysis. What’s more, our qualified staff is able to offer consultation and training.

For more information please visit our page on the intranet:

[http://intranet.evonik.com/site/china/en/service\\_units/tech\\_engineer/AQura/Pages/default.aspx](http://intranet.evonik.com/site/china/en/service_units/tech_engineer/AQura/Pages/default.aspx)

During recent years, our analytical services have been provided to most of the Evonik business lines in China. Those services include support for R&D projects (for research labs and AT labs), support for production plants (start-up of the production as well as production-related troubleshooting), and support for project transfers to China, but also investigations to find the source of customers’ complaints, and comparison analysis with competitors’ products... Since supporting R&D and new production projects in China is our main focus, we would like to mention some important topics from the current year 2017:

- **Sophorolipids (Creavis Bio SHA):** we provide analytical support to the Creavis BioLab in Shanghai, for the research work to optimize the fermentation process.
- **Amino acid products (Project Access-AMINO):** we support NC-AN (together with Creavis) with the technology transfer of the amino acids fermentation process in China by providing our analytical competence, and support the partner in conducting quality control for those products.
- **Silicone products (SIGNAL Project in MUSC and MINERVA Project of RE-CAI):** we provide analytical support for the pilot tests and quality control (non-routine, double check and troubleshooting-related tasks).
- **New product development (for NC-CK, NC-HH, NC-OI and RE-AB):** we offer analytical support to the R&D Asia team of Consumer Specialties in their research projects on product localization and development to meet local market needs. ▶▶



Nathan Wang



Mindy Liu

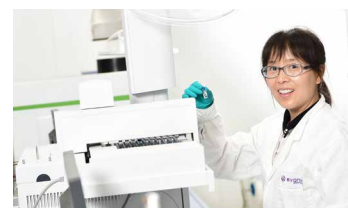


Simon Li



Melody Huang

### Our experts working in the lab:



Erin Jiang



Max Xu



Wenye Guo

## Competency Portfolio of the Analytical Service Center in Shanghai:



### Field of activities:

- Organic Analysis
- Inorganic Analysis
- Impurity Identification
- Components Analysis
- Particle Characterization
- Physical Parameters
- Thermal Analysis
- Titration Analysis
- Production support
- Consultation on Analytical questions

►► Besides R&D projects, we also provide support for production projects with our professional analytical solutions:

- **HPPO project (from RE-AO) in Jilin (China):** We were deeply involved in the start-up and troubleshooting tasks during the operation (the plant is operated by the external customer, Jishen). We played an important role in the start-up phase by helping them

to establish analytical methods and train their staff on site. Later on we provided professional assistance and analytical solutions for their troubleshooting problems.

The Analytical Service Center in Shanghai continues to serve our Evonik colleagues with specific and detailed analytical know-how. If we are not initially able to provide special analytical

services in Shanghai, the Analytics Product Line can offer additional services from its German lab sites: Some analyses could be performed in Germany or, using the analytical competence of our German colleagues, we can provide additional services in Shanghai.



### IMPRINT

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