



## **NATIONAL CENTER OF STANDARD SAMPLES**

Your Reliable Partner in the Development  
and Quality Control of Pharmaceuticals



In today's world, where the quality, effectiveness, and safety of pharmaceutical products are crucial, **the National Center of Standard Samples (NCSS) has become a key partner in the market.** We develop and ensure the circulation of domestic state approved standard samples – active pharmaceutical ingredients, impurities, and excipients necessary for quality control and laboratory research at all stages of the lifecycle of pharmaceuticals, both in the Russian Federation and abroad.

**Andrey Berman**  
CEO

A stylized, handwritten signature in blue ink, likely belonging to Andrey Berman.

## HISTORY OF THE COMPANY

2020

Establishment of the Limited Liability Company "National Center of Standard Samples" with the support of the Federal State Institution "State Institute of Drugs and Good Practices".

2022

**NCSS became a co-developer of approved type standard samples (GSO) for the pharmaceutical industry as part of a federal program.**



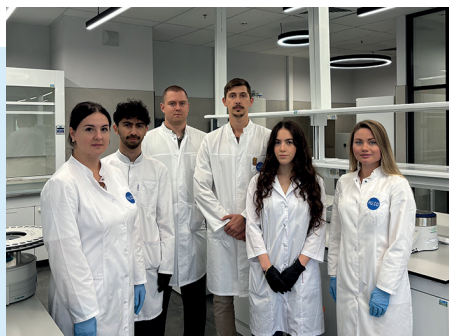
Our company has developed standard samples for quality control of pharmaceuticals included in the list of essential and critically important medicines. **This initiative has promoted import substitution, strengthened the independence of the domestic pharmaceutical industry, and guaranteed the availability of vital medications in Russia and EAEU countries.**

We are actively **expanding** our existing **portfolio of standard samples**, with their numbers **increasing significantly each year.**

## OUR TEAM

### The Center's team consists of highly qualified specialists

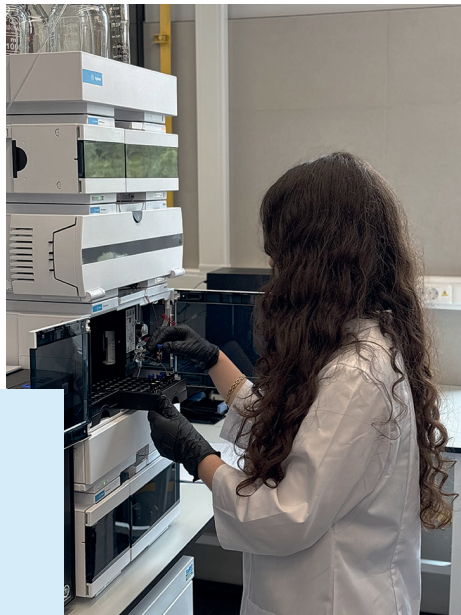
with the expertise to develop solutions tailored to specific customer needs. We continuously work on modernizing our production capacity, ensuring compliance with high standards of quality and precision.



### NCSS regularly invests in employee training and development,

**implements internship programs for young specialists.** Our goal is to provide the necessary expertise for working with new technologies and equipment, in line with the demands of the rapidly evolving pharmaceutical industry.

## AREAS OF WORK



The National Center of Standard Samples serves as **a competence center** in analytical chemistry, pharmaceutical technology, and quality control of pharmaceuticals, uniting developments in standard samples, modern laboratory practices, and scientific-methodological expertise **to ensure the reliability and safety of pharmaceutical products.**

Additionally, we conduct research and development of standard samples for related industries, including:



Veterinary industry



Environmental monitoring



Agricultural industry



Pharmacokinetic studies



Food industry



Chemical-toxicological studies

## PRODUCTION PRINCIPLES



### NCSS organizes a complete production process

including packaging, labeling, and marking of standard samples.

In the development and production of standard samples, **we comply with the metrological standards, validate measurement methods, and study the stability of samples**, that ensures high quality finished product.



## ADVANTAGES OF NCSS

We offer standard samples that meet all current regulatory requirements. Our products hold the **additional status of Interstate Standard Samples (MSS)**, allowing them to be used for quality control in countries that have ratified the relevant documentation.



## LABORATORY SERVICES



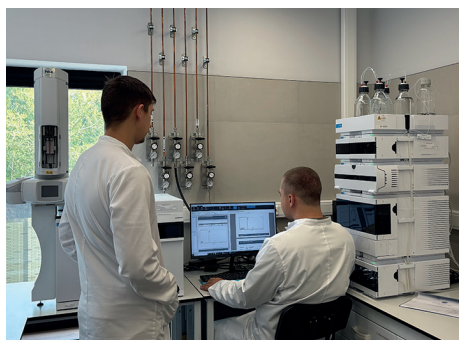
We provide **comprehensive solutions for pharmaceutical manufacturers, development centers, and other laboratories** in method validation, stability analysis, and control of finished dosage forms. This has been made possible by implementing a quality management system and **obtaining GMP certification**, confirming the required level of competence of NCSS's testing laboratory.

### Laboratory Capabilities:

- Chromatographic studies (HPLC, GC)
- Optical studies (UV, IR, AAS)
- Pharmacopoeial studies
- Full-cycle consulting services for the synthesis of active pharmaceutical ingredients (API) with subsequent technology transfer
- Development, validation, and methodological support for quality control analytical methods

**Our certified laboratory is equipped with advanced analytical equipment,**

enabling a wide range of research.



### NCSS' Certificates: Quality and Reliability Assurance



The certificates confirm the legitimacy of the company's activity and show that our production complies with all the established requirements and standards.

## DEVELOPMENT OF DOMESTIC PRODUCTION



### Starting in 2025, NCSS launches the supply of chromatographic equipment

and consumables under its own brand, **Calibra Chrom**. The successful completion of production localization will ensure high quality and availability of products in the domestic market. Our engineering department is actively working on developing components that meet customer requirements, opening up new opportunities for scientific practice. Our company is **focused on developing domestic chromatograph production to replace foreign analogs and ensure the independence of laboratory infrastructure.**

## OUR PARTNERS





National Center of Standard Samples, Ltd.  
3A Nagornaya str., Moscow, 117186,  
Russia

Phone number: +7(495)9092198  
E-mail: [info@nsco.su](mailto:info@nsco.su)  
Website: [www.нцсо.рф](http://www.нцсо.рф)

