



Specs has over thirty years of experience in processing and handling chemical compounds for the Life Science industry. Our knowledge in this field is available through our compound management service.

#### Compound management

We provide a total compound library management service including registration, procurement, reformatting, plating, quality control and storage. Entire screening libraries, historical collections, duplicate plate sets, back-up sets, copies of existing plates or any small set of compounds can be processed. These reformatted libraries are uniform in vial or plate type and weight, barcodes and data for the respective content, all according to your requirements and specifications, ensuring faster and more effective access to your compound repository. Our services are offered from our two main logistic centers in Cumberland, Maryland, the United States and Zoetermeer, The Netherlands.

#### History

We have been processing millions of compounds for the pharmaceutical, biotech and agrochemical industry since our first compound management project in 1996. To meet the increasing demand of the US market, we opened a compound handling facility in Cumberland, Maryland in 2002. At both our facilities in the US and The Netherlands, as well as at several customer site locations worldwide, we have successfully executed large weighing and liquid handling campaigns, storing, maintaining, distributing and tracking hundreds of thousands up to a million compounds per project. References for these projects are available on request.

#### Compound procurement

To acquire the compounds you need for your research activities, sourcing from twenty or more different vendors is not uncommon. The administration and handling involved to complete such an operation can be overwhelming. Specs has over thirty years of experience in sourcing and procuring research compounds from global sources. We offer this expertise as an outsourced service. >>>

>>> Specs can act as a third-party purchaser and will order compounds from the indicated vendors on your behalf and under your pricing conditions.

### Reformatting operations

Entire compound libraries from a variety of sources and in various formats can be reformatted to suit your individual requirements. All activities are directed by our in-house developed and customizable software which monitors and controls every single step of the process. Copies of existing plates can be created with the same high degree of accuracy. In the end, your compounds will be uniformly organized ensuring faster and more effective access to your compound repository.

### On site operations

For compound libraries that are dedicated to ongoing research or screening activities and cannot leave your facility or control, we can perform these reformatting activities at the customers site. Specs will take over the overall organization, investments in and management of personnel and hardware and software at your site location. We have a proven track record for these operations and references are available on request.

### Quality control

As quality control plays an increasingly important role in the compound management community, Specs' unique approach to assess both purity and integrity of incoming and stock compounds has set a standard within the industry. Two fundamentally different analytical methods, LCMS and NMR, are combined to ensure a robust quality control

procedure. Specs offers this expertise as an outsourced service. We have weekly average capacity for 1000 NMR samples and 3000 LCMS samples from either vials or plates. Several large pharmaceutical companies and NGO's have already recognized the ability to incorporate our services as an integral part of their own quality assurance and have used our facilities and knowhow to analyze their own in-house collections and incoming samples.

### Compound storage

One of the solutions to reduce the footprint and costs related to compound collection storage and management is to outsource it, either partially, or completely, making use of space and experience of a reliable partner, organising it according to your needs. At both facilities in the United States and in The Netherlands, we have installed dedicated, climate and humidity controlled Kardex Remstar storage systems. To assure the safety of long term, off-site compound library storage for our clients, we have also installed two fireproof, seismic rated vaults for dedicated disaster recovery compound storage. The modular design of these vaults allows us the flexibility to add-on for additional clients, while keeping compounds from different companies securely isolated from each other. Our automated storage facilities are capable of supporting vials, tubes and plates in different formats. Secure on-line ordering interfaces enables you to place orders, retrieve and track real time sample information, track shipments etc. Outsourcing your compound storage and handling activities to Specs will not only reduce investments in personnel and infrastructure, it will also improve on operational efficiency.

