



## Reference Standards Guide

All your Chromatography  
needs from One Single  
Source

**Greyhound Chromatography** supplies an extensive range of pre-prepared and custom made Certified Reference Standards and Materials from a number of leading manufacturers, including British Pharmacopoeia (BP), Cerilliant (a Sigma Aldrich Company), Chem Service Inc., Chiron, European Pharmacopoeia (EP), Extrasynthese, High Purity Standards, Honeywell (Fluka), Laradon, NIST, Merck (Sigma Aldrich, Supelco), Paragon Scientific, Pfaltz & Bauer, RTC (a Sigma Aldrich Company), United States Pharmacopoeia (USP), Wellington Laboratories.

HIGH QUALITY  
STANDARDS  
ONE SUPPLIER

Please note you will have to register with Greyhound's website [www.greyhoundchrom.com](http://www.greyhoundchrom.com) to view the current UK list prices. There may be a discount available for bulk purchases or repeat orders, please request a quotation from [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com)



**Consolidated  
Shipments**

**British Pharmacopoeia (BP)** is the national pharmacopoeia of the United Kingdom. It is an annually published collection of quality standards for UK medicinal substances. It is used by individuals and organisations involved in pharmaceutical research, development, manufacture and testing.

### How to order British Pharmacopoeia from Greyhound Chromatography

British Pharmacopoeia's catalogue can be found [HERE](#)

Note the Catalogue number, Pack Size and Substance Name and the quantity required, Email [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com) for a quotation, the quotation will include delivery costs and details of any specialised shipping requirements.

*Please note that items that require a Licence are not available.*





**Cerilliant** is an ISO Guide 34 and ISO/IEC 17025 accredited & ISO 13485 and ISO 9001 certified manufacturer of Certified Reference Standards and Materials. Cerilliant's catalogue includes a wide range of analytical standards for Forensic, Clinical, Pharmaceutical, Nutraceutical, and Environmental testing and research with an emphasis on Certified Solutions Standards and Certified Spiking Solutions®.

**Register to View Prices**  
[www.greyhoundchrom.com](http://www.greyhoundchrom.com)

### How to Order Cerilliant Products from Greyhound Chromatography

**Cerilliant** is now a Sigma Aldrich Company whose parent company is MERCK. You can access MERCK'S range of products from Greyhound's homepage, [www.greyhoundchrom.com](http://www.greyhoundchrom.com) Click on the search facility underneath the MERCK logo, locate the product you require, add the item(s) to your basket. If you cannot find the product you are looking for please email [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com)



**Order On-Line**  
[www.greyhoundchrom.com](http://www.greyhoundchrom.com)

**Chem Service** Established in 1962 is accredited to ISO Guide 34:2009, ISO/IEC 17025:2005, and registered and certified to the ISO 9001:2015 Quality Management System for the design, development, production, distribution, and servicing of organic neat and synthetic reference materials.

**Custom Mixtures Available**

Chem Service, Inc. produces high purity standards for use as reference materials and for other laboratory purposes. More than 95% of Chem Service's Standards Grade materials have a certified purity of 98.0% or greater and do not require purity corrections when preparing solutions for use with EPA, USTM, UST, and numerous other international methods. You can trust that Chem Service's high purity standards are a quality product.

Standards Grade chemicals are clearly labelled with an expiration date that is based on years of experience in handling and testing. Products are packaged in small quantities to minimize storage, waste, and disposal requirements. Organic and inorganic chemicals, solutions, and mixtures are available to meet a wide range of specialized laboratory needs.

Product groups include Environmental and Analytical Standards, Organic and Inorganic Standards, 1,200 Pesticide and Metabolite Standards (including banned and discontinued items), Phthalate Standards and Vitamin Standards.

Email [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com) with your Custom Mixture requirements.



**Technical Advice**  
**A Phone Call Away**  
**+44 (0)151 649 4000**

**Chiron** has manufactured reference materials for over 30 years. Chiron offers a varied, flexible and innovative range of over 10 000 reference materials, specifically designed and developed to suit the needs of individual customers. Reference materials can be for anything from complex “molecular fossils” derived from once-living organisms, to markers of disease or exposure to chemicals. Chiron is well-known for reference materials which are applied in petroleum exploration and oil spill analysis, a large range of alkylated polyaromatic compounds and PAH metabolites, pollutants found in food and the environment, and for the introduction of many new carbon 13-labelled drug standards.

### **How to Order Chiron Products from Greyhound Chromatography**

**Chiron** have an ever increasing catalogue of products, in order to ensure that you are accessing the most up-to-date information the best way to view Chiron’s products is to visit their website [www.chiron.no](http://www.chiron.no) Note the part number, Product Name and required quantity and email [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com) with your requirements, we will then provide you with a quotation and delivery details. There may be a discount available for bulk and repeat orders.



**PHARMACOPOEIA**  
**STANDARDS**

**European Pharmacopoeia** is a major regional pharmacopoeia which provides common quality standards throughout the pharmaceutical industry in Europe to control the quality of medicines and the substances used to manufacture them. It is a published collection of monographs which describe both the individual and general quality standards for ingredients, dosage forms, and methods of analysis for medicines. These standards apply to medicines for both human and veterinary use.

### **How to order European Pharmacopoeia (EP) from Greyhound Chromatography**

British Pharmacopoeia’s catalogue can be found [HERE](#)

Select the Reference Standards Tab, note the Catalogue number, Pack Size and Substance Name and the quantity required, Email [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com) for a quotation, which will include delivery costs.

*Please note that items that require a Licence are not available.*



## NATURAL PLANT-BASED REFERENCE STANDARDS

**Extrasyntthese** are experts in extraction, synthesis and purification of natural substances. Extrasyntthese's product portfolio consists of hundreds of products, after almost 30 years of research and development creating reference standards for regulatory filing, quality testing, or as substrates for early stage R&D.

### How to Order Extrasyntthese Products from Greyhound Chromatography

Visit Greyhound's website [www.greyhoundchrom.com](http://www.greyhoundchrom.com), select the Brands tab, click on Extrasyntthese and view the product catalogues. Select the products you want and send an email to [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com) for a quotation and delivery details.



High-Purity Standards has proudly served the scientific community for the past twenty years with high quality spectrometric standards and reference materials for AAS, ICP, ICP-MS, GC, GC-MS and IC, and has now expanded their stocked reference materials to include ISO Guide 34 multi-component organic reference materials.

Approximately one-half of High-Purity Standards business is in the preparation of custom blends and difficult to prepare special mixtures.

There may be a discount available for bulk purchases or repeat orders, please request a quotation [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com)

If you require a custom mixture please email [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com) with details of your requirements, we will then provide a quotation and an indication of delivery time.

**Order On-Line**

**[www.greyhoundchrom.com](http://www.greyhoundchrom.com)**



**Honeywell Fluka™** Analytical Standards offers a range of high quality inorganic and organic reference materials for the European market produced according to ISO 9001. Honeywell's products are suitable for a wide range of industries and applications and come complete with a detailed Certificate of Analysis (CoA) in every delivery,.

### How to Order Honeywell Products from Greyhound Chromatography

**Technical Advice  
A Phone Call Away  
+44 (0)151 649 4000**

You can view Honeywell's products [HERE](#) note the part number, Product Name and quantity required and email [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com) for a quotation.



## RESEARCH GRADE LIPIDS

**Larodan** makes a comprehensive range of research grade lipids for use as analytical standards and reagents, for customers all over the world. Larodan's products include all sorts of neutral and polar lipids, from simple fatty acids and methyl esters to complex oxylipins, glycerides and phospholipids. Larodan also provide specialty products to the Nordic market, in collaboration with other international research chemicals companies.

Larodan's catalogue of products is constantly updated therefore it is best visit their website for their up-to-date product list. You can view their website [HERE](#)

### How to Order Larodan Products from Greyhound Chromatography

Visit their website, note the catalogue number, Product description and quantity required, email [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com) for a quotation and delivery schedule.



**SIGMA-ALDRICH** is now **MERCK**

**MERCK'S** product portfolio is available from Greyhound Chromatography for distribution in the United Kingdom. Sigma-Aldrich Laboratory & Production Materials, including Supelco Analytical Products developed by analytical chemists covers a broad range of analytical solutions and every product undergoes meticulous quality control to maintain the integrity of your testing protocols.

- Standards and Certified Reference Materials
- Solid Phase Microextraction (SPME) Fibers and Holders
- Mobile Laboratory MQuant<sup>®</sup> Test Strips and RQFlex 20<sup>®</sup>
- And more .....

### How to Order MERCK/Sigma Aldrich Products from Greyhound Chromatography

MERCK / Sigma Aldrich products can be found within the MERCK portfolio. Access the MERCK product portfolio from the home page of the Greyhound Chromatography website by using the search facility under the MERCK Authorised Distributor Logo and either assemble a basket in the e-commerce store or email a list of your requirements to [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com)

There may be a discount available for bulk purchases or repeat orders, please request a quotation from [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com)



**OVER 1200 STANDARD  
REFERENCE  
MATERIALS**

The National Institute of Standards and Technology (NIST) was founded in 1901 and is now part of the U.S. Department of Commerce. NIST is one of the nation's oldest physical science laboratories. Congress established the agency to remove a major challenge to U.S. industrial competitiveness at the time—a second-rate measurement infrastructure that lagged behind the capabilities of the United Kingdom, Germany, and other economic rivals.

NIST supports accurate and compatible measurements by certifying and providing over 1200 Standard Reference Materials with well characterised composition or properties, or both.

**How to Order NIST Products from Greyhound Chromatography**

Due to the large amount of products available and the rapidly changing nature of NIST's portfolio their products can be viewed on their website [HERE](#)

Visit their website, note the catalogue number, Product description and quantity required, email [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com) for a quotation and delivery schedule.

*\*Please note that products that require a licence will not be supplied.*

**Paragon Scientific** specialise in the production of premium quality reference materials that include Density, Flash Point, Liquid Colour, Refractive Index, TAN/TBN and Viscosity standards. Paragon produce reference materials with some of the lowest levels of uncertainty of measurement available.

**PREMIUM QUALITY  
REFERENCE  
MATERIALS**

Paragon's viscosity standards, viscometer calibration, density standards and sucrose RI standards are all covered (UKAS) accreditation to the International Standard BS/EN/ISO/IEC 17025 - 2005, in addition to this Paragon's Refractive Index standards are manufactured conforming to ICUMSA (1974).

**How to Order Paragon Scientific Products from Greyhound Chromatography**

Due to the large amount of products available from Paragon and the rapidly changing nature of Paragon's portfolio their products can be viewed on their website [HERE](#)

Visit their website, note the catalogue number, Product description and quantity required, email [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com) for a quotation. There may be a discount available for bulk purchases or repeat orders.



## HARD TO FIND CHEMICALS

**Pfaltz & Bauer** are renowned for supplying rare and hard to find research chemicals and laboratory chemicals that seem impossible to find, Pfaltz and Bauer also supply a complete range of routine laboratory chemicals.

Whatever your discipline Pfaltz and Bauer can supply your chemical needs.

### How to Order Pfaltz & Bauer Products from Greyhound Chromatography

Due to the large amount of products available and the rapidly changing nature of Pfaltz & Bauer's portfolio their products can be viewed on their website [HERE](#)

Visit their website, note the catalogue number, Product description and quantity required, email [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com) for a quotation and delivery schedule.



**Sigma-Aldrich RTC** products include high quality Certified Reference Materials (CRMs), Quality Control (QC) Samples, and Proficiency Testing (PT) Samples. RTC has more than 20 years of experience and strong expertise in the environmental and pharmaceutical sectors. Quality systems are based upon the accreditation to ISO/IEC 17025:2005, ISO Guide 34:2009, ISO/IEC 17043:2010 and registration to ISO 9001:2008.

## HIGH QUALITY CERTIFIED REFERENCE MATERIALS

### How to Order RTC Products from Greyhound Chromatography

Sigma Aldrich is now a MERCK company, therefore RTC products can be found within the MERCK portfolio. Access the MERCK product portfolio from the home page of the Greyhound Chromatography website by clicking on the MERCK Authorised Distributor Logo and either assemble a basket in the e-commerce store or email a list of your requirements to [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com) we will then provide a quotation and a delivery schedule.



**SIGMA-ALDRICH®**

**Sigma Aldrich** is now a MERCK company, therefore Sigma Aldrich products can be found within the MERCK portfolio. Access the MERCK product portfolio from the home page of the Greyhound Chromatography website and either assemble a basket in the e-commerce store or email a list of your requirements to [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com)

There may be discounts available for bulk purchases or repeat orders, please request a quotation from [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com)

**NEED TECHNICAL ADVICE ?**

**CALL +44 (0) 151 649 4000**



**PHARMACOPOEIA  
STANDARDS**

**United States Pharmacopoeia (USP)** currently offers more than 3,500 Reference Standards, highly characterized specimens of drug substances, excipients, food ingredients, impurities, degradation products, dietary supplements, compendial reagents and performance calibrators. USP Reference Standards are specified for use in conducting official USP/NF tests and assays. USP also provides Reference Standards specified in the Food Chemicals Codex as well as authentic substances, high-quality chemical samples, as a service to analytical, clinical, pharmaceutical and research laboratories.

USP offers official methods, specifications and associated Reference Standards that can help your product meet regulatory requirements and patients' needs.

### **How to Order USP Products from Greyhound Chromatography**

Due to the large amount of products available and the rapidly changing nature of UST portfolio their products can be viewed on their website [HERE](#)

Visit their website, note the catalogue number, Product description and quantity required, email [sales@greyhoundchrom.com](mailto:sales@greyhoundchrom.com) for a quotation and delivery schedule.





Order On-Line  
[www.greyhoundchrom.com](http://www.greyhoundchrom.com)

**Wellington Laboratories** Environmental and Toxicological analytical testing Reference Standards and Materials . Wellington are the primary source of Standards for EPA Methods 23, 513, 1613, 1668, 8280, 8290, European Method EN -1948 and World Health/EPA Standards, C13 and Native Dioxins, Furans, PCBs and Brominated Diphenyl Ethers, Brominated Dioxins and Furans, Methylated PCDDs and PCDFs, Fluorinated Compounds, Polychlorinated Dibenzo-p-Dioxins, Polychlorinated Dibenzofurans, Polychlorinated Biphenyls, halogenated flame retardants and Perfluorinated compounds. and more. ....

### Quality Management

Wellington are committed to the distribution of quality products as well as the maintenance of excellent customer service. In fact, in order to provide you with the best possible service, Wellington Laboratories now have three ISO certifications (ISO 9001:2015, ISO/IEC 17025:2005, and ISO 17034:2016) which cover all aspects of planning, production, testing, distribution, and post-distribution service. These certificates allow us to monitor and maintain the highest level of quality and service and also allow our customers to satisfy the requirements of their own ISO certifications.

If you require a hard copy of any of Wellington's ISO certificates, please do not hesitate to contact us at [info@greyhoundchrom.com](mailto:info@greyhoundchrom.com)

**Greyhound Chromatography** is the authorised distributor of Wellington Laboratories' products throughout Europe and the Middle East. If you are not within our territory we will forward your enquiry to the distributor responsible for your country.

## Frequently asked Questions

### Why do I need to register to your website to see prices?

We ask you to register to our website so we know who you are and the nature of your business. We make every effort to ensure that we are supplying our products appropriately to comply with current legislation.

### I'm a re-seller and participate in Tenders and RFQs, can you provide assistance with the application process?

Our Sales Team will be happy to assist you, either by providing technical knowledge or advice about the suitability of products. We will always provide you with the best prices for the products and will recommend the most cost effective solution for the transport of goods.

### Do you have personnel that can advise on the shipment of our goods and Customs Documentation?

Our highly trained logistics team regularly advise clients on current shipping regulations and Customs documentation to ensure shipments meet current IATA, IMDG and ADR requirements and are delivered on time.

