



**Purolite**<sup>®</sup>  
Life Sciences

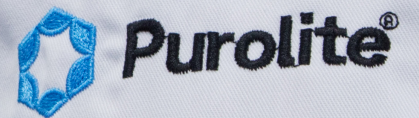
# Packaging Brochure

---

Chromalite<sup>®</sup>

Lifetech<sup>™</sup>

*Praesto*<sup>®</sup>



# Global Solutions

Purolite is a global leader in resin technology, and one of the world's largest developers and manufacturers of high-quality chromatographic resins, enzyme carriers, ion exchange resins, APIs, adsorbents and specialty resins. We dedicate 100% of our resources to developing advanced resin technology solutions to your process challenges.

Purolite Life Sciences products bring advanced, high-quality technology to biopharma, fine chemical, food, and cosmetics manufacturers. All products are premium quality and are produced in our ISO-certified production facilities in the UK, Romania, China and the USA.

Customer satisfaction begins with innovative product development, reliable production and consistent performance. We produce and ship our products globally, so we are also well versed in the latest international packaging standards and shipping regulations.

Purolite Life Sciences packaging options ensure that products are delivered to you in containers that work for you. Purolite Life Sciences will supply the product you need in logistically efficient packaging that keeps your product secure and protected during transport and storage.

Standard packaging options include plastic tubs, plastic kegs, small to large bottles, and plastic drums.



Bulk Materials

# Premium Plastic Kegs with Aluminium Insert

Used for wet or dry-form transportation of:

Lifetech™ ECR Enzyme Carriers

Lifetech™ Immobilized Enzymes

Chromalite® Resins



Purolite Life Sciences packages bulk Lifetech ECR, Lifetech Immobilized Enzymes and Chromalite resins in sealed Food Grade aluminium foil bags contained in blue plastic kegs. The aluminium bag guarantees consistent moisture levels and preservation of product characteristics.

Kegs feature a large open top that allows for easy removal of the bag and product while discharging the container. These plastic kegs are ideal for overseas shipments (up to 9 kegs per pallet). Each blue plastic keg can hold up to 25 kg of product in wet or dry form.

## Plastic Kegs\*

Description	Color	Material	Sealing Method	Lid Style	Dimensions (cm)	Fill Capacity (L)
60 L Keg	Blue	HDPE	Lever Lock	Open Head	38.5(d) x 59.1(h)	60

\* Characteristics of plastic kegs are typical and are subject to change without notification

- Total internal volume of kegs is typically 60 liters (38d x 59h cm)
- Aluminium Food Grade bags PP016 as internal packaging
- Rigid HDPE construction for lasting durability
- Thick walls for strength and impact resistance
- Easy opening with lever lock ring or screw top assembly
- Smooth walls simplify removal of aluminium bags during discharge
- Ships stretch-wrapped to pallet for load protection

Small Quantities

## Plastic Tubs

Versatile and durable semi-rigid molded tubs are excellent for holding and storing small amounts of resin. Polypropylene containers help protect resins from moisture and contamination. Tapered shape can be safely stacked with lids on, or nested when empty, while handles make moving easy and safe.

Used for wet or dry-form transportation of:

Lifetech™ ECR Enzyme Carriers

Lifetech™ Immobilized Enzymes

Chromalite® Resins

Purolite Life Sciences packages small amounts ( $\leq 5$  kg) of products in wet and dry form in plastic tubs. Versatile and durable semi-rigid moulded tubs are made from polypropylene to help protect products from moisture and contamination. Where appropriate, a sealed aluminium foil bag may also be used to protect the product.

- Wide neck facilitates easy sampling of contents
- Moulded polypropylene construction is light-weight and durable
- Good moisture and contamination barrier
- PP lids provide a tight, chemical-resistant seal



Plastic Tubs					
Description	Color	Material	Lid Style	Dimensions (cm)	Volume
50 g tub	White	Polypropylene	Unlined, ribbed	6.2 x 5.0	145 ml
250 g tub	White	Polypropylene	Unlined, ribbed	7.5 x 12.5	535 ml
1 kg tub	White	Polypropylene	Screw Top	11.9 x 23.6	2 L
2 kg tub	White	Polypropylene	Snap	20.5 x 23.6	5 L
5 kg tub	White	Polypropylene	Snap	30 x 27	12.5 L

\* Characteristics of plastic tubs are typical and are subject to change without notification



Small and Large Quantities

# Bottles and Drums

Purolite Life Sciences packages small amounts of products in dry form and slurry ( $\leq 1$  kg) in plastic bottles. These versatile and durable semi-rigid bottles are excellent for holding and storing resins supplied in slurry.

Jerry cans are ideal for shipping large volumes of resins in slurry form and ensure safe transportation of ethanol solutions.

Drums are ideal for packing and shipping large quantities of slurry.

Used for slurry or dry-form transportation of:

Chromalite® Resins

Praesto® Agarose Resins

Bottles and Drums				
Description	Color	Material	Lid Style	Dimensions cm
75 ml bottle	White Semi Transparent	HDPE	Heat-seal, PP	8.6 x 4.5
250 ml bottle	White Semi Transparent	HDPE	Heat-seal, PP	10.8 x 7.3
1 L bottle	White Semi Transparent	HDPE	Heat-seal, PP	21.8 x 8.8
10 L Jerrycan	White Semi Transparent	HDPE	Screw cap w/ seal	32 x 23 x 19
20 L Jerrycan	White Semi Transparent	HDPE	Screw cap w/ seal	40 x 30 x 24
130 L Drum	White	HDPE	2 x 6 cm screw cap, PP	74 x 50

\* Characteristics of bottles and drums are typical and are subject to change without notification



- Easy to see content inside containers
- Chemical-resistant heat sealing lids protect from leaking and evaporation
- Good contamination barrier
- Moulded high density polypropylene construction is lightweight and durable



For Screening Purposes

# Premium Presentation Boxes and Screening KITs

Used for slurry, dry-form and wet-form transportation of:

Chromalite® Resins

**Praesto**® Agarose Resins

Lifetech™ ECR Enzyme Carriers

Lifetech™ Immobilized Enzymes



A range of screening KITs are available, enabling rapid product screening and optimal product selection. Packaged in a satin-black, fully protected premium presentation box, we also include full product literature in printed and electronic formats.

Included in the Purolite Life Sciences range:

- Lifetech™ ECRKIT1 - containing 6 different Enzyme Carrier resins
- Lifetech™ CalB Immo KIT - A selection of immobilized lipase B from *Candida antarctica* on different ECR enzyme carrier resins
- Lifetech™ Lipase Immo KIT - A selection of immobilized lipases on different Lifetech ECR enzyme carrier resins
- **Praesto**® Sampling KIT - A selection of affinity, ion exchange or non-functionalized agarose resins in bottled or column formats
- PuroPhase™ Screening KIT - A selection of 6 different Chromalite® adsorbents in 1ml and 3ml columns, for various analyte extraction and cleanup needs

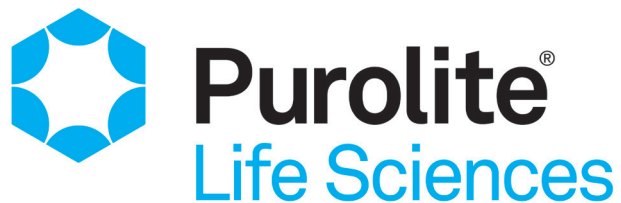


---

## Transportation

As noted, precautions should be taken to avoid the extremes of temperatures during the transport of resins. Particular care should be taken to ensure that the resins are not frozen during transport, due to the significant effect on resin efficacy. For bulk quantities, we recommend using covered vehicles and containers for transport and to store the resin in a temperature controlled environment.





For further information on  
Purolite® Life Sciences products and  
services:

**[www.purolite.com/life-sciences](http://www.purolite.com/life-sciences)**  
**[lifesciences@purolite.com](mailto:lifesciences@purolite.com)**

© 2017 Purolite. All rights reserved.