

redipor
ZellBio



Redipor Prepared Media

Cherwell Laboratories has been manufacturing prepared microbiological media under the Redipor name since the early 1980s. Flexibility and a keen understanding of the needs of the pharmaceutical and associated industries are key to Redipor's philosophy.

The ability to supply small or large users quickly without sacrificing quality is a must in today's competitive market. The Redipor range covers a wide variety of media types and includes a wide selection of commonly used irradiated media, some available for immediate despatch from stock. A choice of dehydrated media brands can be specified, plus customer-specific formulations and special packaging options.

The Redipor brand has built a strong reputation within the pharmaceutical industry for high quality products and a flexible, efficient service. All products are manufactured under the control of an ISO9001 registered quality management system. At the core of this system is a desire to continually improve the quality of the products and service offered.

In the past three decades more and more users within the industry have been turning to 'buying in' prepared media. This change has been driven by a reduction in laboratory resources, together with a need to reduce costs while improving quality. 'Buying in' offers the user cost savings associated with both volume production and a fully quality controlled, certificated product as well as separation from pharmaceutical manufacture. However, to be of maximum benefit, a prepared media manufacturer must be flexible and reactive to the individual needs of its customers as well as industry requirements.

The Redipor range has for many years been associated with quality products supported by an efficient, responsive and truly flexible service for small to large users. The Redipor manufacturing facility includes a 1000 sq. m clean room suite, built to accommodate all manufacturing steps of the Redipor range. This modern facility includes a water processing plant, large scale media preparation equipment and automated filling and packaging lines.

It is our aim to be a premier supplier of microbiological prepared media to the pharmaceutical and industrial sectors ... to provide the highest level of service to our customers throughout all aspects of the business.



Why Redipor?

The extensive range of Redipor products includes many standard items for industry:

Petri Dishes – 50, 90, 140mm



Contact Plates – 55mm



Irradiated Media – Petri dishes, Contact plates, including Barrier pack VHP impermeable wrap



Bottled Broths & Diluents – screw capped Universals, Alpha & Winchester bottles and injection capped vials & DIN bottles



Broth bags & Ampoules – 10ml up to 10 litre



The Redipor range is mainly focused on the needs for environmental monitoring (EM), sterility testing and operator and process validations. As such the main products supplied are based on Tryptone Soya Agar for general EM work, neutralising agars for surface testing and Tryptic Soy Broth for sterility testing or process validations. Specific customer formulations such as specialist neutralising media and agars supplemented with Penicillinase and β -Lactamase, together with alternative packaging, can be supplied.

We have many formulations listed - too numerous to mention, please enquire about your specific needs.

Small enough to respond, large enough to deliver





Manufacturing

All Redipor products are manufactured within the cleanroom suite and under localised unidirectional air flow to maintain product integrity.

The manufacturing suite is divided into specific areas to aid segregation. All raw materials are carefully prepared, dispensed and documented before being sterilised using modern media preparators. The use of both large and small capacity sterilisation units allows the production of a wide variety of batch sizes.

Each stage of the sterilisation cycle is carefully controlled and monitored to ensure product quality. Once completed, dispensing sets are connected and passed through to the filling area. During the filling process regular checks are made and documented to ensure consistent product quality. Full traceability is maintained throughout the production process.

Individual plates are ink jet printed with agar type and batch number, allowing quick and easy identification.

The range of bottled broths, diluents and buffers are filled in a separate area. Pre-heating and mixing of the raw materials plus regular checks ensures even distribution when filling. Bottled products are sterilised through a steam autoclave cycle which is closely monitored. The same batch identification and documentation methods are applied to this extensive range of bottled products.

Conditioning and final inspection of the finished products are an important and unique part of the Redipor production process. Plated products are stored unpacked for a few days to allow natural drying, avoiding unnecessary condensation after packing. Prior to final packing, individual items are fully inspected and screened to remove any imperfections.

During the manufacturing process, random samples are selected from each batch for quality control testing.

Performance Testing

The assurance of product performance is vital to the commercial supply of prepared media. Detailed performance data gives customers the confidence to use Redipor products within critical areas.

The random samples selected from each batch during manufacturing are subjected to detailed quality control checks. The pH, sterility and growth capabilities of each individual batch of media is carefully checked using standard procedures, and documented. A productivity ratio is generated to assess growth performance of the individual batch against a reference. All products, including gamma irradiated media which are checked before and after irradiation, must comply with stringent acceptance criteria before the product can be released. This detailed testing assures product quality and a comprehensive quality control certificate showing actual data is supplied for each batch of media.

The long term performance of the finished product gives users increased flexibility. The Redipor range of irradiated products typically has a six month shelf life.

Of equal importance are the storage conditions. Redipor products should be stored at 10-25°C, not in a fridge. This not only prevents the build-up of excessive condensation within the plate but also releases refrigerator space for more critical products.

QPR004 1

QUALITY CONTROL CERTIFICATE
REDIPOR IRRADIATED PREPARED MEDIA



Product Code : 13631
Description : Tryptone Yeast Agar
White Pearl Orlon

Batch Number : 488888
Date of Manufacture : 08 Nov 2009
Expiry Date : 08 Nov 2010

pH (20-25°C) : 7.2

Irradiation Reference : S179476211 Calculated Dose : 25.4 kGy
(7-200000) Plan : 25.4 kGy

Quality Control requires a value in range of 0.7 - 2.0 (Deviation level 10-100%)

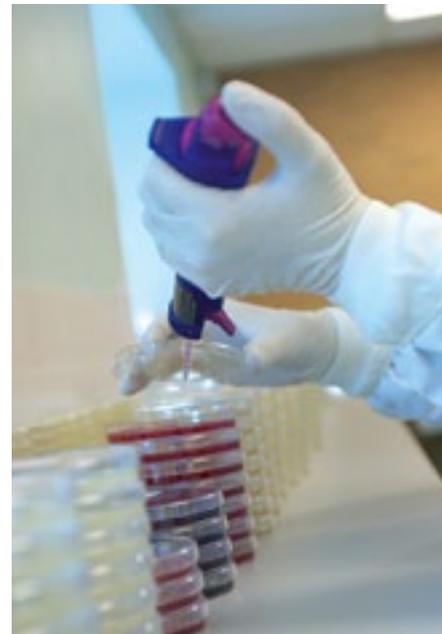
Organism	Reference	Productivity Ratio
<i>Staphylococcus aureus</i>	ATCC 4330	0.8
<i>Staphylococcus epidermidis</i>	ATCC 12228	0.7
<i>Escherichia coli</i>	ATCC 8739	0.8
<i>Pseudomonas aeruginosa</i>	ATCC 27957	1.0
<i>Bacillus subtilis</i>	ATCC 6051	1.2
<i>Candida albicans</i>	ATCC 10251	0.9
<i>Aspergillus brasiliensis</i>	ATCC 16409	1.1

Comments :

Signed By : Authorised Signatory

Date : 08 Nov 2009

100% Sterile claim only when 1 pack opened and stored from Temperature not exceeding 25°C
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The Redipor range has been at the forefront of developments within the prepared media business, not only in the use of gamma irradiation but also in establishing a productivity ratio for growth performance...



Delivering the Service

Providing a flexible yet reliable service is paramount, as priorities and requirements from customers constantly change due to demands placed on them.

Many customers set up standing orders for regular deliveries which assists production planning. While this helps cut down on paperwork, standing orders must be flexible to accommodate fluctuating requirements. Making this process simple and quick is important as many users are faced with ever increasing pressures on their time. Again, Redipor is renowned for its flexible approach to standing orders.

A reliable service means that goods are regularly delivered when expected, and standing orders delivered on the agreed day. If this is not possible, customers will be contacted and alternative arrangements agreed. All products are carefully packed to avoid damage in transit and then despatched within the UK typically by overnight carrier.

Where possible, palletised shipments will be considered after discussions with the customer. Shipments to other destinations can be easily arranged. Actual costs will be confirmed at time of order.

The Future?

The Redipor range has long been associated with quality, reliability, flexibility and bespoke product development. We will continue to innovate and look at new methods and develop new products to meet customer needs. Feedback from customers and open, constructive discussions during face to face meetings and audits are vital parts of this process.

The range of Redipor products are widely used in the pharmaceutical, compounding, hospital pharmacy manufacturing units and other industries. We welcome any comments or suggestions for improvements you may have about our product or service.

Further Information

We really value the opportunity to discuss your requirements either via the telephone or face to face. We are keen to ensure we clearly understand your needs and then match the right product to your application. We accept orders by post, fax, phone or email.

Please feel free to contact us by any means you prefer or visit our website for further information.

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Cherwell
LABORATORIES

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