

Bagian : QC

RQ000504

ANALISA PERMINTAAN BARANG

Due date : 28 April 2026

Tanggal : 18 Maret 2026

No	Kode Barang	Nama Barang	Satuan	Stok Saat Ini (A)	Rencana Kebutuhan (B)	Kekurangan (A - B + C)	Pending Penerimaan (C)	Jumlah	Realisasi Pembelian	Realisasi Penggunaan
1	IMO02449	Biological Indicator for Vaporized H2O2	Pc	0	100	-100	0	100	0	0
2	RGN00011	MC 1020-2 Culture Medium	Pc	0	100	-100	0	100	0	0

Catatan :

1. BT93/6 - Spore Coupon Biological Indicator for Plasma or Vaporized Hydrogen Peroxide

- Digunakan sebagai indikator yang digunakan untuk memverifikasi efektifitas proses validasi fumigasi.
- Rencana kebutuhan 93 Pc, pemesanan mengikuti MOQ 1 Pack @ 100 Pc
- Pemesanan terakhir pada bulan Juni 2025 (PW020031)
- Estimasi harga: Rp.11.688.350

2. MC1020-2 - Culture Medium with pH Indicator for Growth of Bacterial Spores

- Digunakan sebagai media pertumbuhan spora bakteri pada biological indicator.
- Rencana kebutuhan 93 Pc, pemesanan mengikuti MOQ 1 Box @ 50 Pc
- Pemesanan pertama kali Dept. QC
- Estimasi harga: Rp.9.649.200

Latar Belakang:

- Karena akan dilakukan fumigasi ruangan, baik pada lingkungan produksi maupun laboratorium mikrobiologi sehingga dibutuhkan pengadaan Spore Coupon Biological Indicator for Plasma or Vaporized Hydrogen Peroxide pada saat proses validasi fumigasi untuk memverifikasi proses validasi fumigasi pada lingkungan tersebut.
- Diperlukan pengadaan MC 1020-2 Culture Medium with pH Indicator for Growth of Bacterial Spores sebagai media untuk fumigasi ruangan pada lingkungan produksi dengan menggunakan biological indicator. Dibutuhkan media pertumbuhan dengan waktu inkubasi yang lebih cepat untuk spora bakteri pada biological indicator sehingga efektivitas pelaksanaan fumigasi ruangan lebih cepat terdeteksi.
- ~~Terlampir metode analisa, rencana kebutuhan dan penawaran harga.~~

deskripsi produk
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Afrian 103

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BT93/6

Spore Coupons

For Plasma or Vaporized Hydrogen Peroxide sterilization processes



Usage

Monitoring Plasma or Vaporized Hydrogen Peroxide (H₂O₂) Sterilization Processes.

Applicable Regulation

Designed under Quality Management System standards ISO 13485:2016/NS-EN ISO 13485:2016.
ISO 11138-1:2017 and IRAM 37102-1:1999.

Classification

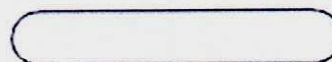
Class 1, according to risk.

Authorization

ANMAT (Argentinean National Administration of Drugs, Food and Medical Devices) PM 1614-1.

Characteristics

25 mm x 70 mm non-absorptive material package. Blue code.
Stainless steel coupon 34.0 mm x 7.0 mm x 0.8 mm.



10⁶ *Geobacillus stearothermophilus* ATCC 7953 spores per coupon.

Upon completion of the sterilization cycle, the spore coupon should be tested in a suitable culture medium. We suggest the use of Bionova® MC1020-2 culture medium.

Incubation conditions: 24 hours, between 55-62 °C.

For conventional culture media like TSB, incubation for 7 days between 55-62 °C is recommended.

Environmental conditions during manufacture

T= 15-30 °C, RH= 30-80%. Sterility conditions are necessary only during the inoculation process performed in laminar flow.

Storage conditions

T= 10-30 °C, RH= 30-80 %.

Transport conditions

Storage conditions should be strictly followed.

Products should be transported in closed and reinforced boxes in order to avoid damages.

The transport of this product does not represent any risk for human health.

Shelf life

2 years.

Packing

100 units per aluminum foil bag.

Labelling

On product's envelope: product code and description, process for intended use, bacterial strain, batch number, expiration date and datamatrix code.

On product's packing: product code and description, bacterial strain, process for intended use, bacterial load, batch number, manufacture date, expiration date, presentation, classification according to regulation, storage conditions, manufacturer information, barcode and datamatrix code.

Possible target markets

Healthcare and Industry.

Other important information

It is advisable to incubate at 60 °C in Bionova® IC10/20 incubator.
Read product's directions for use thoroughly before use.

Precautions

Do not store the product near sterilizing agents.

Do not expose this product to Radiation, EO or any sterilization processes other than H₂O₂.

Handwritten signature and date: 7/12/2019

Infection Control Division | **Biological Indicators**

MC1020-2 Culture medium with pH indicator

For growth of bacterial spores



Usage

For the growth of *Bacillus atrophaeus* ATCC® 9372, *Bacillus subtilis* ATCC® 35021, *Bacillus pumilus* ATCC® 27142 and *Geobacillus stearothermophilus* ATCC® 7953.

Applicable regulation

Designed under Quality Management System standards ISO 13485:2016 / EN ISO 13485:2016.

Characteristics

Sterile growth medium is specially formulated for use with Bionova® products (also suitable for other brand products).

Growth medium color: pink/red. Volume: 2.0 ml.

Incubation temperatures:

For *Geobacillus stearothermophilus* ATCC® 7953 between 55-62 °C.

For *Bacillus atrophaeus* ATCC® 9372, *Bacillus subtilis* ATCC® 35021 and *Bacillus pumilus* ATCC® 27142 between 35-39 °C.

The incubation time will be defined by the manufacturer of the biological indicator.

Culture medium turns to yellow to indicate the presence of living spores.

Final readout should be carried out after appropriate incubation.

Environmental conditions during manufacture

T = 15-30 °C, RH = 30-80 %. Sterility conditions are necessary during plastic tube filling with sterile medium, performed in laminar flow.

Storage conditions

T = 10-30 °C, RH = 30-80 %, keep out of direct light.

Transport conditions

Storage conditions should be strictly followed.

Products should be transported in closed and reinforced boxes in order to avoid damages. The transport of this product does not represent any risk for human health.

Shelf life

2 years.

Packing

50 units per box.

Packing information: product description, storage conditions, presentation, manufacturer information and data on box's label.

A handwritten signature in blue ink, appearing to read "Rui w/ 76".

*ATCC® is a registered trademark of American Type Culture Collection.

Kebutuhan Bio Indikator Validasi Fumigasi 2026

Nama Area	Kebutuhan	Pelaksanaan		
		Rep I	Rep II	Rep III
Produksi Steril Unit 6A	BI	30	30	30
	Kontrol (+)	1	1	1
	Jumlah	31	31	31
	Total	93 pcs		

Keterangan :

Total Kebutuhan : 93 pcs

1 Box : 100 pcs

f mui 12/03/20

[Signature] 12/03/20

Kebutuhan MC 1020-2 Culture Medium Untuk Validasi Fumigasi 2026

Nama Area	Kebutuhan	Pelaksanaan		
		Rep I	Rep II	Rep III
Produksi Steril Unit 6A	BI	30	30	30
	Kontrol (+)	1	1	1
	Jumlah	31	31	31
	Total	93 pcs		

Keterangan :

Total Kebutuhan : 93 pcs

1 Box : 50 pcs

Total Kebutuhan : 2 Box

[Signature] 12/03/26

[Signature] 10/03/26

PT PROLABIOS MITRA ANALITIKA

Penawaran Penjualan Kepada:

Penawaran Penjualan

PT MERSIFARMA TIRMAKU MERCUSANA

Alamat Penagihan :

Kepada Yth.

Pak Robert

No. Penawaran :

PRO/PH/26/III/646

REV01

Tgl Transaksi :

17/03/2026

Berlaku Hingga :

31/03/2026

Total 23.684.681

Produk	Keterangan	Qty	Diskon	Harga (Rp.)	Jumlah (Rp.)
BT93/6 - Spore Coupon Biological Indicator for Plasma or Vaporized Hydrogen Peroxide in single glassine packaging - 100 units - Terragene	Ready Geobacillus stearothermophilus (ATCC 7953) 10 ⁶ spores per coupon.	1	15.0%	13.751.000	11.688.350
MC1020-2 - Culture Medium with pH indicator for growth of Geobacillus stearothermophilus (ATCC 7953), Bacillus subtilis DSM 5230 (ATCC 35021) and Bacillus atrophaeus (ATCC 9372) bacterial spores (2 ml) - 50 unit/box - Terragene	Indent Turns from Red to Yellow. Readout: 24/48 hours.	2	15.0%	5.676.000	9.649.200

[Signature] 18/3/26

Pesan**Kondisi Penawaran Harga:**

1. Kondisi harga : Grand total sudah termasuk PPn dalam rupiah, franco Jabotabek.
2. Kondisi barang : Ready stock tidak mengikat; Item Indent 8-12 minggu setelah PO diterima.
3. Cara pembayaran : 30 Hari setelah Invoice diterima.
4. Masa berlaku penawaran : 2 minggu.
5. PIC untuk pemesanan : Iwan Kristiyanto (08159294731 / iwan@prolabios.com).

Subtotal	25.103.000
Diskon per Item	3.765.450
PPN % 12.0%	2.347.130
TOTAL	23.684.681

*Dokumen ini merupakan penawaran elektronik yang valid dan tidak memerlukan tanda tangan.

Hormat kami,

Sandi Ria Sugiharta
Direktur