

MONO BLUE
PURE BLUE
AZURE BLUE



Arcad allows you to choose



Pure blue

Azure blue

mono|BLUE INCREASES THE SAFETY OF TRY PAN BLUE USE THANKS TO ITS PURITY.

mono|BLUE is a sterile solution of 95% purified Trypan Blue

■ Trypan Blue toxicity is described including in the eye

1. Mutagenicity of benzidine and benzidine congener dyes. M.J.Prival. 1984
2. Biocompatibility of trypan blue with human corneal cells. B.T.H.Van Dooren. 2004
3. Retinal tolerance to dyes. Center of ophthalmology, University of Cologne. 2005

■ **mono|BLUE**, an unmatched Trypan Blue purity of more than 95%

- Minimizes the risks due to impurities

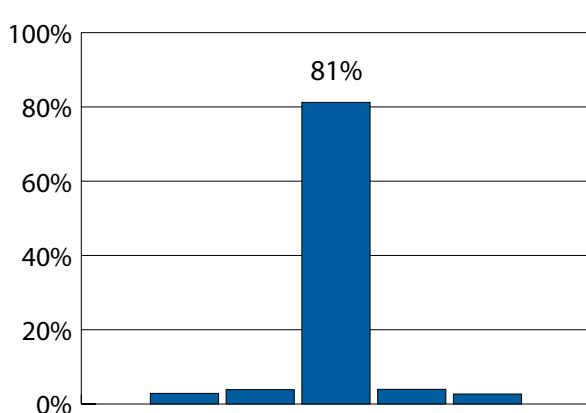
Separation of biologically active component from commercial trypan blue, Nature, 1961

- Reduces the active component concentration

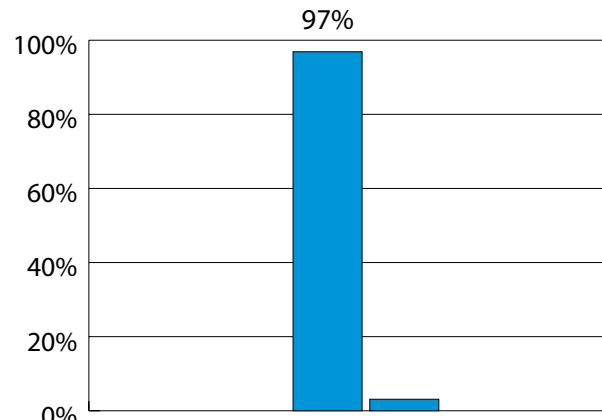
- O-tolidine free

Its purity makes its color

Standard Trypan Blue



mono|BLUE Lot P45A



mono|BLUE 0.055% INCREASES THE SAFETY OF TRY PAN BLUE USE THANKS TO ITS PRESENTATION

mono|BLUE 0,055%

Intraocular tissues staining



■ Various applications for an anterior segment use.

■ Capsulorhexis : to stain the anterior capsule of lens

1. Nodarian M, Feys J, Sultan G, Salvanet-Bouccara A. [Capsulorhexis staining by trypan bleu in mature cataract surgery]. *J Fr Ophtalmol.* 2001 Mar;24(3):274-6.
2. Saini JS, Jain AK, Sukhija J, Gupta P, Saroha V. Anterior and posterior capsulorhexis in pediatric cataract surgery with or without trypan blue dye: randomized prospective clinical study. *J Cataract Refract Surg.* 2003 Sep;29(9):1733-7

■ Cataract/Visualization of crystalline epithelial cells

1. Dye-enhanced phakoemulsification: learning hydrodissectionand hydrodelineation technique. Werner L pandey sk. 2000.
2. Trypan Blue assisted posterior plaque removal. Namrata Sharma, Wishal Gupta 2002.
3. A novel use of trypan blue to minimize epithelial cell proliferation in pediatric cataract surgery. A.W.Kiel.2003.

■ Glaucoma

1. Trypan Blue identifies antimetabolite treatment area. Healey Pr Crowston Jg. 2005.
2. Use of trypan blue to confirm the patency of filtering surgery. Shishir Agrawal Jaya Agrawal. 2005.

■ Cornea

1. Use of trypan blue for penetrating keratoplasty. Johnatan Cp Roos Malcom g.
2. Deep lamellar keratoplasty with trypan blue intrastromal staining. E.B.Balestrazzi. 2002.
3. Trypan Blue assisted descemetorhexis for inadvertently retained Descemet's membrane after penetrating keratoplasty. R.Sinha. 2003.

■ Others staining applications

1. Vital staining of corneal endothelium in cataract extraction. Norn. 1971.
2. Staining characteristics of preserved human amniotic membrane. D.J.Hu. 2003.
3. Visualization of conjunctival cyst using healon v and trypan blue. Kobayashi A, Sugiyama. 2005.
4. Staining tenon capsule with trypan blue during enucleation surgery. Leanne M Cheung Geoffrey A. 2005.
5. Staining characteristics of preserved human amniotic membrane. Daniel J Hu, Surendra Basti. 2003.
6. Trypan blue to aid visualization of the vitreous during anterior segment surgery. CacciatoriM, Chadha V, Bennett HG. 2006.

STERILE SINGLE USE APYROGENIC

mono|BLUE 0,055%

0,75 ml syringe individually pouched

5 syringes per box



■ Easy to use

Pre-filled single-dose syringe individually pouched

■ Ergonomic

Long syringe barrel + finger grip for a better control of the injection

mono|BLUE 0.25% INCREASES THE SAFETY OF TRY PAN BLUE USE THANKS TO ITS PRESENTATION



The image shows the mono|BLUE 0.25% product packaging and a single-use syringe. The packaging is a blue and purple box labeled 'mono|BLUE' and '0.25%'. The syringe is a clear plastic pre-filled syringe with a black plunger, also labeled 'mono|BLUE'.

■ Effective application for an anterior and posterior segment use

■ Posterior segment

Staining for Internal Limiting Membrane peeling.

1. Mackenzie SE, Ganderfer A, Rohleder M, Schumann R, Schlottmann PG, Bunce C, Xing W, Gregor Z, Charteris DG. Ultrastructure and retinal imaging of internal limiting membrane: a clinicopathologic correlation of trypan blue stain in macular hole surgery. *Retina*. 2010 Apr;30(4):655-61.
2. Perrier M, Sébag M. Trypan blue-assisted peeling of the internal limiting membrane during macular hole surgery. *Am J Ophthalmol*. 2003 Jun;135(6):903-5.

Staining for Epiretinal Membrane peeling.

1. Balayre S, Boissonnot M, Curutchet L, Dighiero P. [Role of trypan blue in epiretinal membrane surgery]. *J Fr Ophtalmol*. 2005 Mar;28(3):290-7
2. Feron EJ, Veckeneer M, Parys-Van Ginderdeuren R, Van Lommel A, Melles GR, Stalmans P. Trypan blue staining of epiretinal membranes in proliferative vitreoretinopathy. *Arch Ophthalmol*. 2002 Feb;120(2):141-4

■ Anterior segment

Determination of the corneal graft viability.

1. Analyse séquentielle de l'endothélium cornéen humain in vitro. B.Delbosc. 1988.
2. Contamination of trypan blue with Burkholderia cepacia in a cornea bank. Unité de Thérapie Cellulaire et Génique, Etablissement Français du Sang, Besançon.

■ A presentation in line with the French health authorities (AFSSAPS) requirements

Bulletin vigilance HOSTMAT, Décembre 2001.

STERILE SINGLE USE APYROGENIC

mono|BLUE 0,25%

1 ml syringe individually pouched
5 syringes per box



■ Easy to use

Pre-filled single-dose syringe individually pouched

■ Ergonomic

Long syringe barrel + finger grip for a better control of the injection

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