

BRILLIANT PEEL®



non-toxic

ready-to-use solution

CE-marked

WHY BRILLIANT PEEL®?

- The first approved non-toxic retinal dye
- Selective staining of the ILM (Inner Limiting Membrane)
- Application in air and BSS-filled eye
- No additional filter needed
- Stable concentration

G-81010 BRILLIANT PEEL®

Dye for selective, intraocular staining of the ILM
syringe 0.5 ml, 5 pcs.
per box, **sterile**

NEW!
NOW IN DISPOSABLE
SYRINGES.

COMFORTABLE AND SAFE

- **Practical:** Disposable syringe containing 0.5 ml dye
- **Quick and Efficient:** Faster preparation and application, no loss of liquid from vial to syringe
- **Safe:** Reduced contamination risk, increased safety for patient and surgeon

Comparison of the dyes Brilliant Blue G (BBG), Indocyanine Green (ICG) and Trypan Blue (TB) for chromovitrectomy

	BBG	ICG	TB
Chemical group	Triphenylmethane	Cyanine	Diazo
Color	blue	dark green	dark blue
Ready-to-use	+++	–	+++
Toxicity^{1, 3, 10}	no	yes	moderate
Registration	yes	no	yes
Affinity to ILM⁴	high	high	low
Affinity to ERM	low	low	high
Affinity to vitreous	unknown	low	low
Selective Staining of ILM⁴	+++	+++	+
Exposure time	+++	+++	+
Fluid / gas exchange	no	no	yes

Composition and Properties of BRILLIANT PEEL®

Composition in one 0.5 syringe
 0.125 mg – Brilliant Blue G
 0.95 mg – Na₂HPO₄ x 2 H₂O
 0.15 mg – NaH₂PO₄ x 2 H₂O
 4.1 mg – NaCl

Concentration: 0.25 g/l

pH-value: 7.52

Osmolarity: 306 mOsm/kg H₂O

Maximum absorption: 584.0 nm

Cytotoxicity in accordance with DIN EN ISO 10993 and ILM-staining ability¹⁰

Dye	Significant cytotoxic effect	ILM-Staining
Brilliant Blue G	> 0.3 g / L	+++
Indocyanine Green	> 0.24 g / L	+++
Patent Blue	> 2.8 – 3.0 g / L	+
Trypan Blue	> 0.13 g / L	++

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