FLUORON®
Leading in purity and variety

DYE FOR SELECTIVE STAINING OF THE ILM

BRILLIANT PEEL®

non-toxic

ready-to-use solution

CE-marked

- **NEW!** More precise and intense staining of the ILM due to increased density
- Only CE-marked ILM dye
- Safe and quick application under air or liquid
- No additional filter required
- Stable concentration

ALSO AVAILABLE

ready to use in 0.5 ml vial

G-81010 BRILLIANT PEEL® SYRINGE
syringe 0.5 ml, 5 pcs. per box, **sterile**

G-81005 BRILLIANT PEEL® VIAL
vial 0.5 ml, 5 pcs. per box, **sterile**

More information: **www.fluoron.de**

Geuder®
Precision made in Germany

MEDIX21 SURGICAL

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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	yes	no	yes
Toxicity[1, 3,10]	no	yes	slightly
Registration	yes	no	yes
Affinity to ILM[4]	high	high	low
Affinity to ERM	low	low	high
Selective Staining of ILM[4]	strong	strong	low
Exposure time	short	short	long
Fluid / gas exchange required	no	no	yes

Composition and Properties of BRILLIANT PEEL®

Composition in one 0.5 syringe / vial
0.125 mg – Brilliant Blue G
0.065 ml – D_2O
0.95 mg – $Na_2HPO_4 \times 2\ H_2O$
0.15 mg – $NaH_2PO_4 \times 2\ H_2O$
4.1 mg – NaCl
ad 0.5 ml water for injection purposes

Concentration: 0.25 g/l
pH-value: 7.52
Osmolality: 306 mOsm/kg H_2O
Maximum absorption: 584.0 nm
Density: 1.017 - 1.019 g/cm³

Cytotoxicity in accordance with DIN EN ISO 10993 and ILM-staining ability[10]

Dye	Significant cytotoxic effect	ILM-Staining
Brilliant Blue G Cytotoxic effect: causes cell grow inhibition	› 0.3 g / L	strong
Indocyanine Green Cytotoxic effect: causes apoptosis	› 0.24 g / L	strong
Trypan Blue	› 0.13 g / L	low

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