

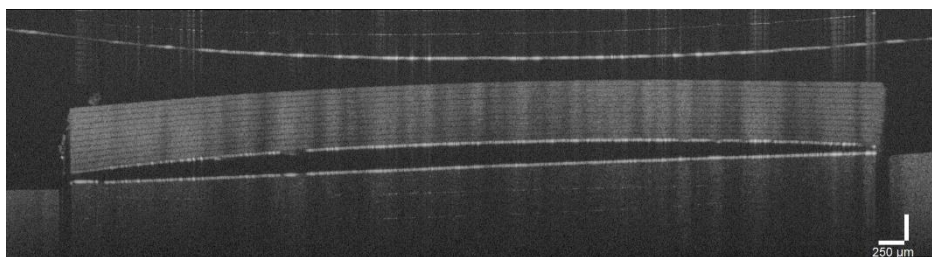
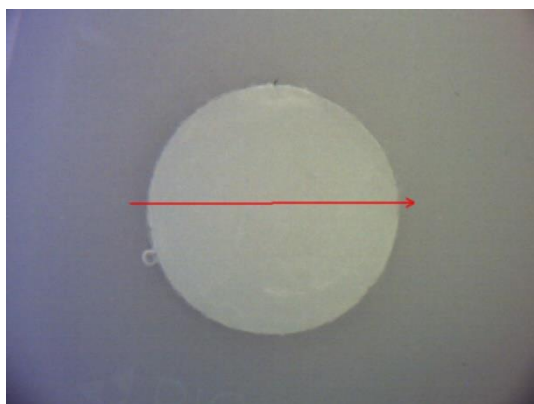
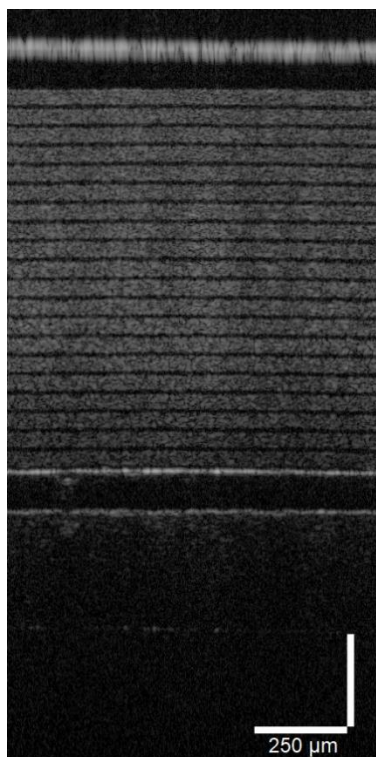
# Datasheet - characterization

Trace Code\*: **BioPixS0068**

Model	OCTML01
Layer Thickness	50 $\mu\text{m}$
Number of layers	10
Substrate	BioPixS Phantom
Substrate optical properties	Absorption = $0.19 \text{ cm}^{-1}$ , Reduced scattering = $8 \text{ cm}^{-1}$ @780 nm
Phantom dimension	22 x 22 x 5 mm
Layer dimension	7 mm (diameter), 0.5 mm (height)
Batch code	OCTML01-P-HCD06
Layer optical properties	Absorption = $0.05 \text{ cm}^{-1}$ , Reduced scattering = $3 \text{ cm}^{-1}$ @780 nm
Refractive index	1.5
Surface finish^	Polished
Application	Depth resolution, signal contrast vs depth test



Batch test image:



OCT test system specifications: Spectral Domain OCT Imaging System, 1300 nm, axial resolution is 5.5 microns, lateral resolution of 13 microns.

\*Cite/Reference Trace code in your publications to make your research traceable. This will help the peer community to trace the phantoms used in your research.

^for matte finish visit <https://biopixstandards.com/products/oct-test-targets-and-phantoms/>

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Phantom image:

