

**Product Information**

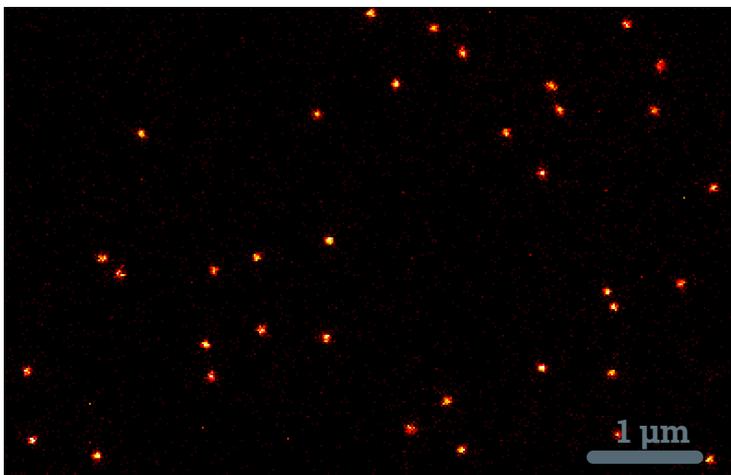
# GATTA-Beads

small, bright and cutting-edge.  
experience the highest brightness density in the world.

Fluorescent beads are important microscopy tools which can be used for calibration of microscopes, particle tracking or quantitative determination of point spread functions especially in STED microscopy. Particularly for the last point a small structure size keeping a high brightness is an immense advantage.

Products from the GATTA-Bead series fulfill this requirement perfectly with a diameter of only 23 nm. Additionally, they show a clearly improved homogeneity and flexibility concerning to other beads. We offer GATTA-Beads in the colors red (ATTO 647N), orange (ATTO 594), green (ATTO 542) and blue (Oregon Green 488).

On request we can also design special solutions for your specific requirements. All samples will be delivered on a sealed glass slide which you can comfortably put directly on your microscope.



**GATTA-Bead R**

Super-resolution Image of GATTA-Bead R (measured on a Leica TCS SP8 STED 3X imaging system)



Product properties

# GATTA-Beads

Smallest and brightest light source on the market.



	<b>Beads R</b>	<b>Beads O</b>
<b>Color</b>	red	orange
<b>Fluorophore</b>	ATTO 647N	ATTO 594
<b>Alternative Fluorophore</b>	Abberior STAR 635	-
<b>Recommended laser source</b>	630–650 nm	565–610 nm
<b>diameter</b>	23 nm	23 nm
<b>Surface density</b>	≈ 1/μm <sup>2</sup>	≈ 1/μm <sup>2</sup>



	<b>Beads G</b>	<b>Beads B</b>
<b>Color</b>	green	blue
<b>Fluorophore</b>	ATTO 542	Oregon Green 488
<b>Alternative Fluorophore</b>	Cy3 Alexa Fluor® 555	Alexa Fluor® 488 ATTO 490LS
<b>Recommended laser source</b>	515–540 nm	480–505 nm
<b>diameter</b>	23 nm	23 nm
<b>Surface density</b>	≈ 1/μm <sup>2</sup>	≈ 1/μm <sup>2</sup>

**Need support?**

## Contact

In the case that you should need further assistance please feel free to contact us. We are happy to help.

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