

## Streptavidin Magnetic Particles (Specifications)

<b>Article No:</b>	<b>604078</b>
<b>Raw Beads:</b>	<b>Hydrophilic Polymer (MPVAE)</b>
<b>Coating:</b>	<b>Streptavidin</b>
<b>Diameter:</b>	<b>1.6 µm (range 0.8 – 3.0 µm)</b>
<b>Content of iron:</b>	<b>55 – 65 % w/w</b>
<b>Density:</b>	<b>1.20 g / cm<sup>3</sup></b>
<b>Concentration:</b>	<b>8 mg / ml</b>
<b>Storage buffer:</b>	<b>PBS, pH 7.2 + 0.09 % sodium azid</b>
<b>Storage temperature:</b>	<b>2 ... 8 °C</b>
<b>Particles per mg:</b>	<b>1.8 x 10<sup>8</sup> particles / mg</b>
<b>Surface per mg:</b>	<b>14.4 cm<sup>2</sup> / mg</b>
<b>Biotin binding capacity:</b>	<b>approx. 1200 pmol / mg</b>
<b>Binding capacity for BSA-Biotin:</b>	<b>60 - 90 µg / mg</b>
<b>Shipment conditions:</b>	<b>Room Temperature</b>
<b>Stability:</b>	<b>18 Month</b>