

**Supplement 1.** Specifications of the materials used with relevant magnetic resonance imaging safety measures

| Materials name   | Source/dimensions/quantity                                      | Compositions  | Characteristics                                      | Smoke point (°C) |
|------------------|---|---|--|------------------|
| Acrylic sheet    | Commercially (thickness=6 mm and dimensions of 7.0×7.0×13.5 cm) | Polymethyl methacrylate                             | Thermoformable, rigid and light weight, non-metallic | 160              |
| Coconut oil      | Fruit (9±1 mL)  | Extracted by conventional method (local factory)    | Liquid/solid (<24°C), non-metallic                   | 175              |
| Canola oil       | Vegetable seed's extract (9±1 mL)                               | Edible canola oil (local market)                    | Liquid, non-metallic                                 | 204              |
| Fish oil         | Commercially available (9±1 mL)                                 | Omega-3 fatty acids                                 | Liquid, non-metallic                                 | 260              |
| Baby oil         | Commercially (9±1 mL)   | Paraffinum liquidum, isopropyl palmitate and parfum | Liquid, non-metallic                                 | 260              |
| De-ionized water | Commercially (9±1 mL)   | Water free from ions and impurities                 | Liquid, non-metallic                                 | -                |