



Model 128 Diffusion Phantom Spec Sheet

- Developed in collaboration with NIST and RSNA/QIBA.
- Ø194 mm spherical shell fits most MRI scanners and head coils.
- ADC mimics: Ten 30 ml vials with traceable aqueous solutions of PVP in concentrations from 10% ($1.55 \times 10^{-3} \text{ mm}^2/\text{s}$) to 50% ($0.27 \times 10^{-3} \text{ mm}^2/\text{s}$).*
- Water reference: three 30 ml vials and three 5 ml vials with HPLC water ($2.00 \times 10^{-3} \text{ mm}^2/\text{s}$).*
- Patented ten-element liquid crystal (LC) thermometer, MR-readable, for temperature compensation from 15°C to 24°C.
- Compatible with qCal-MR® QA/QC software.



CaliberMRI provides MRI phantoms with calibration solutions and tissue mimics that have traceability up to and including full SI traceability through NIST when available.

*Nominal values taken at 3T at 20°C