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% ($1.55x10^{-3}$ mm^2/s) to 50% ($0.27x10^{-3}$ mm^2/s).*
- Water reference: three 30 ml vials and three 5 ml vials with HPLC water ($2.00x10^{-3}$ mm^2/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 thathave traceability up to and including full SI traceability through NIST when available.

***Nominal values taken at 3T at 20°C**

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