

Hyperpolarization Report for Data (Pyruvate (D2O)):

THERMAL: Thermal_1p_example_pyruvate

HYPERPOL: HP_1p_example_pyruvate

March 19, 2025

Polarization Solid: 51.8 %

Assuming T1 = 109.3 s when in ambient magnetic field

Polarization Liquid: 39.4 %

Enhancement factor: 3.2e+05

T1 in magnet (60 MHz Spinsolve): 121.5 s

Time start: 30.0 s

Room (box) temperature during THERMAL experiment: 24.0 °C (26.0 °C)

Room (box) temperature during HYPERPOL experiment: 27.4 °C (26.0 °C)

