

NORLOC® EVAPORATION TEST DATA

The patented design of our 5 mm NorLoc® NMR tube cap remarkably outperforms the only available alternative, the traditional 5 mm NMR tube cap, as shown by the following evaporation test data:

Solvent	5 mm Economy Cap		5 mm NorLoc Cap	
	%w/w remaining Solvent after 1 day*	%w/w remaining Solvent after 10 days*	%w/w remaining Solvent after 1 day*	%w/w remaining Solvent after 10 days*
Acetone-d6 + 0.05%v/v TMS	99.86	97.08	99.98	99.51
Benzene-d6	97.79	68.50	99.86	87.74
Chloroform-d	96.19	53.83	99.69	79.96
Chloroform-d + 0.03%v/v TMS	96.25	53.13	99.65	80.34
DMSO-d6 + 0.05%v/v TMS	99.91	99.85	99.96	99.96
Methanol-d4	99.72	99.45	99.99	99.95
Dichloromethane-d2	93.00	37.20	99.31	81.82

*Samples were stored in open beakers on a lab bench for the specified time period at an average room temperature of 72°F (22°C) and 50% - 60% relative humidity.