

## • IVDr QC: Experiment Validation

ZGPR watersuppression experiment

Application Parameter:

<b>Instrument</b>	IVDr600
<b>OrderNo</b>	
<b>Probehead</b>	Z814601_0079 (PA BBI 600S3 H-BB-D-05 Z)
<b>Sample Info</b>	5mm Sucrose in 90%H2O+10%D2O
<b>Solvent</b>	H2O+D2O
<b>Dataset</b>	C:/Bruker/IVDr/RefData/nmr/SUCROSE-50WD-310K-2019-07-30/11/pdata/1/1r
<b>Parameter Set</b>	SUC_ZGPR_310K
<b>Acquisition Date</b>	2019/07/30 11:21:14

Validation Results:

Parameter	Value	Lab specs
Pulse P1	8.50us	
Power PLdB 1	-10.00dB	
Power PLdB 9	51.41dB	
RF Presat	25.00Hz	
Frequency Offset O1	2821.27Hz	
Halfwidth of RefSig at 0ppm	0.52Hz	<0.80Hz
Water Hump (50%)	19.9Hz	<30.0Hz
Water Hump (10%)	29.4Hz	<50.0Hz
Splitting	11%	<15.0%
Sino Best	351.80	>300.0

- Water suppression test within acceptance range

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