

## ***PAB Materials Test System***

<b>Date of Receipt</b>	10/30/15 , logbook entries# 5115 - 5122
<b>Sample Name/Description</b>	3M mini-SAS cable for the SBND experiment at Fermilab
<b>Sample</b>	
<b>Composition:</b>	x
<b>Picture Location:</b>	data base
<b>Weight:</b>	180 g
<b>Dimensions/Area:</b>	x
<b>Source:</b>	Hucheng Chen, Bo Yu
<b>Preparation:</b>	no cleaning requested
<b>Submerging in LAr or LH2</b>	x
<b>Time in the airlock(hrs)</b>	test#2 sample in the system already 2 weeks
<b>Purge:</b>	5 h from Luke
<b>Vacuum:</b>	
<b>Room Temperature</b>	
<b>Start Time/Date, End Time/Date :</b>	10/5/2015 3:20 PM, 10/8/2015 5:28 PM
<b>PrM run # :</b>	25580
<b>Condenser state:</b>	on
<b>Filter state:</b>	off
<b>H2O reading:</b>	3 ppb to 35 ppb, then stabilized in 19-25 ppb
<b>Lifetime:</b>	2.5 - 3 ms
<b>Liquid Level</b>	24.5 inches
<b>Liquid Test</b>	
<b>Start Time/Date, End Time/Date :</b>	10/12/2015 11:47 AM 10/14/2015 11:04 AM
<b>PrM run # :</b>	25668
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>H2O reading:</b>	6-9 ppb
<b>Temperature:</b>	95 K
<b>Liquid Level</b>	23.3 inches
<b>Lifetime:</b>	4-6.5 ms
<b>VaporTest</b>	
<b>Start Time/Date, End Time/Date :</b>	10/14/2015 11:04 AM, 10/22/2015 10:00 AM
<b>PrM run # :</b>	25715
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>H2O reading:</b>	6-10 ppb
<b>Temperature:</b>	222-228 K
<b>Liquid Level</b>	22.9 inches
<b>Lifetime:</b>	3.5-5 ms