ABS #1

ParaFlow™
Solution Analysis Report

Customer Name	DuPont Experimental Stn	**Sample Drawn**	Aug 16,2017
Unit Model No.	YPCST22G46CXA	**Report Date**	Aug 22,2017
Unit Serial No.	GLCM157836 #1	**Report Number**	R18612
Sample Received	Aug 21,2017	**PO Number**	1-54557779063

Inhibitor Type: **Molybdate**

	Sample Data	Allowable Range (Based on 55% LiBr)	Converted Data (Sample data converted to 55%)
Sample Concentration	**52.79** % LiBr		**55.00** % LiBr
Sample Specific Gravity	**1.576** at 75°F		**1.620** at 75°F
Lithium Molybdate Inhibitor	**141** mg/l	**225-325**	**151** mg/l
Alkalinity (Lithium Hydroxide)	**0.202** N	**0.14-0.22**	**0.216** N
Dissolved Copper	**66** mg/l	**0-100**	**71** mg/l
Ammonia	**86** mg/l	**0-100**	**92** mg/l
Lithium Nitrate	**89** mg/l		**95** mg/l

Corrections Necessary

Lithium Molybdate Inhibitor	Add .000108 lbs. of solid Li2MoO4 per lb. of solution in the unit OR Add .000034 gals of 30% Li2MoO4 solution per lb. of solution in the unit.
Lithium Hydroxide	No
Copper Removal	No
Ammonia Removal	No

Data included in this report are the result of only one solution sample. If there is a drastic change in any parameter as compared with the last sample result, prior to adding chemicals or performing Copper or Ammonia Removal, it may be advisable to resample. The best method of preventing problems due to improper solution chemistry is by taking regular samples and trending the sample data. Maintaining proper Solution Chemistry is critical to the life of your ParaFlow Unit. **York Factory Service** is factory trained and authorized to perform the necessary chemical additions and adjustments required to keep your unit operable and reliable.