

Table A 4. Sucrose lost across GH 3rd effect evaporators at different CJ brix level and CJ flow level, with the statistical analysis p-values obtained by using LSD test

Summary: 3 rd effect				
CJ Brix	Flow rate	Average sucrose lost (%)	N	Stdev
High	High	0.00	6	0.45
High	Low	-0.09	45	1.04
Low	High		0	
Low	Low	0.81	7	1.28
All Groups		0.03	58	1.05
Statistical analysis (LSD test): 3 rd effect				
p-value at specified conditions	High brix High flow {1}	High brix Low flow {2}	Low brix High flow {3}	Low brix Low flow {4}
High brix; High flow {1}		0.84		0.16
High brix; Low flow {2}	0.84			<u>0.04</u>
Low brix; High flow {3}				
Low brix; Low flow {4}	0.16	<u>0.04</u>		

Table A 5. Sucrose lost across GH 4th and 5th effect evaporators at different CJ brix level and CJ flow level, with the statistical analysis p-values obtained by using LSD test

Summary: 4 th - 5 th effect				
CJ Brix	Flow rate	Average sucrose lost (%)	N	Stdev
High	High	0.36	6	0.57
High	Low	0.32	45	1.18
Low	High		0	
Low	Low	0.66	7	0.95
All Groups		0.37	58	1.10
Statistical analysis (LSD test): 4 th and 5 th effect				
p-value at specified conditions	High brix High flow {1}	High brix Low flow {2}	Low brix High flow {3}	Low brix Low flow {4}
High brix; High flow {1}		0.94		0.63
High brix; Low flow {2}	0.94			0.46
Low brix; High flow {3}				
Low brix; Low flow {4}	0.63	0.46		