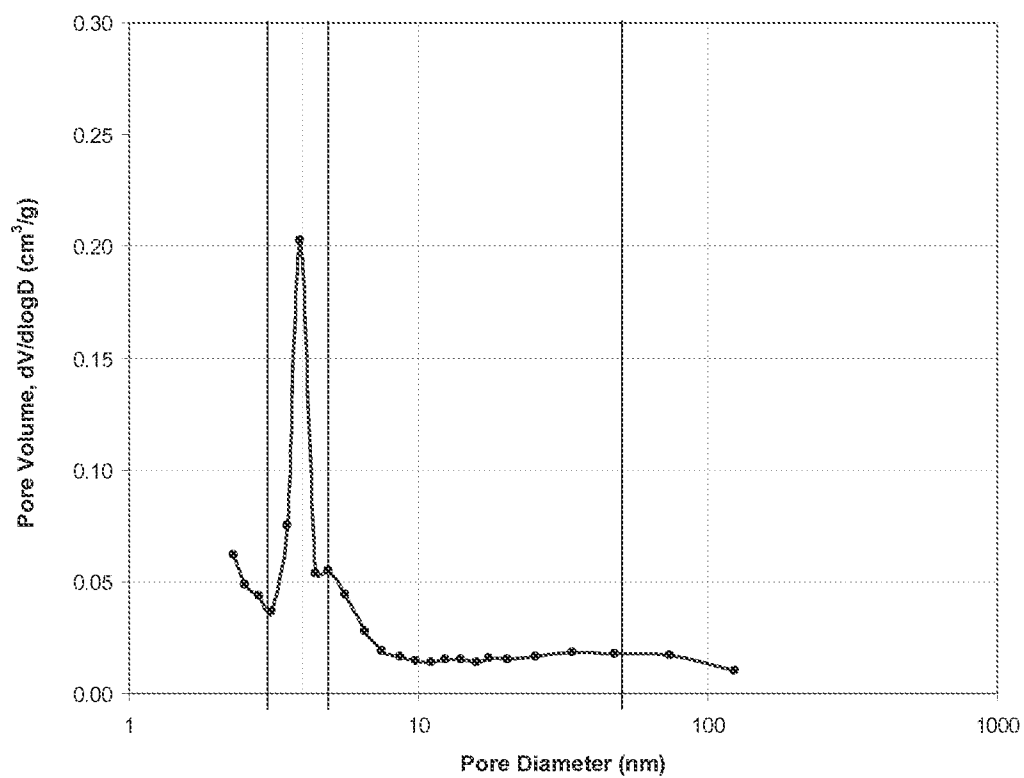


1/10

PRIOR ART

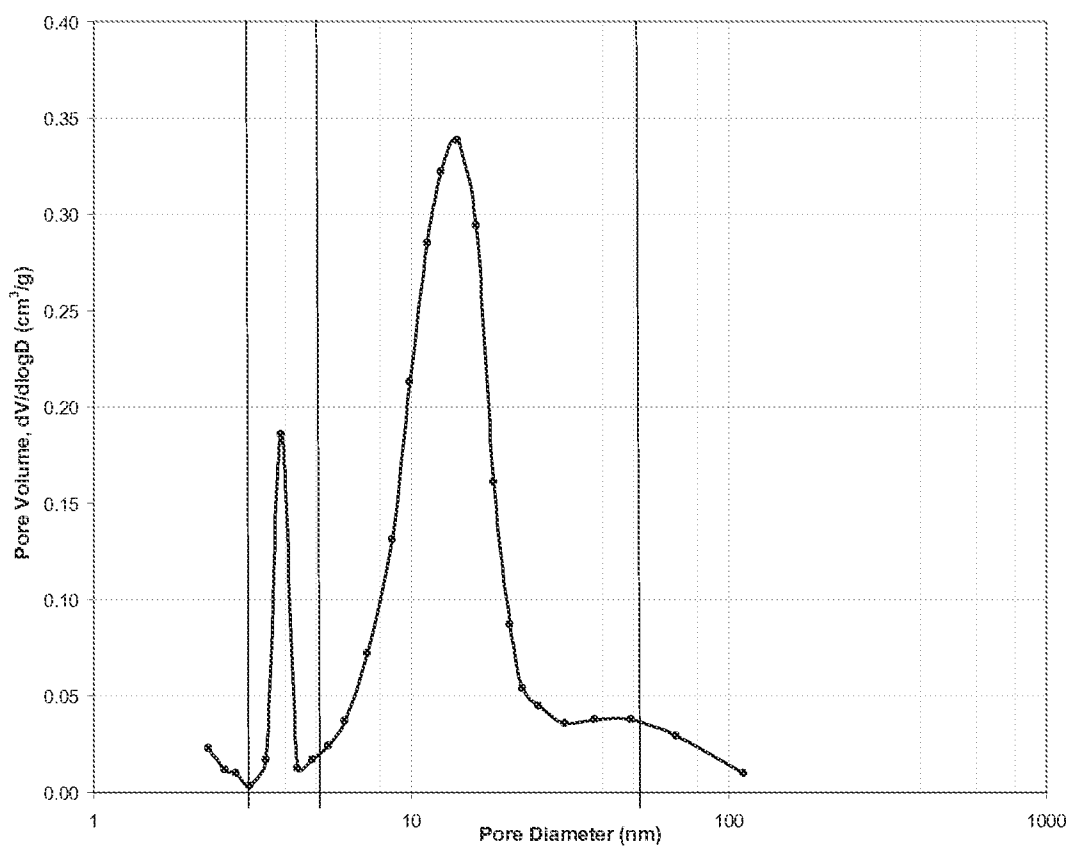


BJH Nitrogen Desorption Plot of USY Zeolite (as fabricated)

FIGURE 1

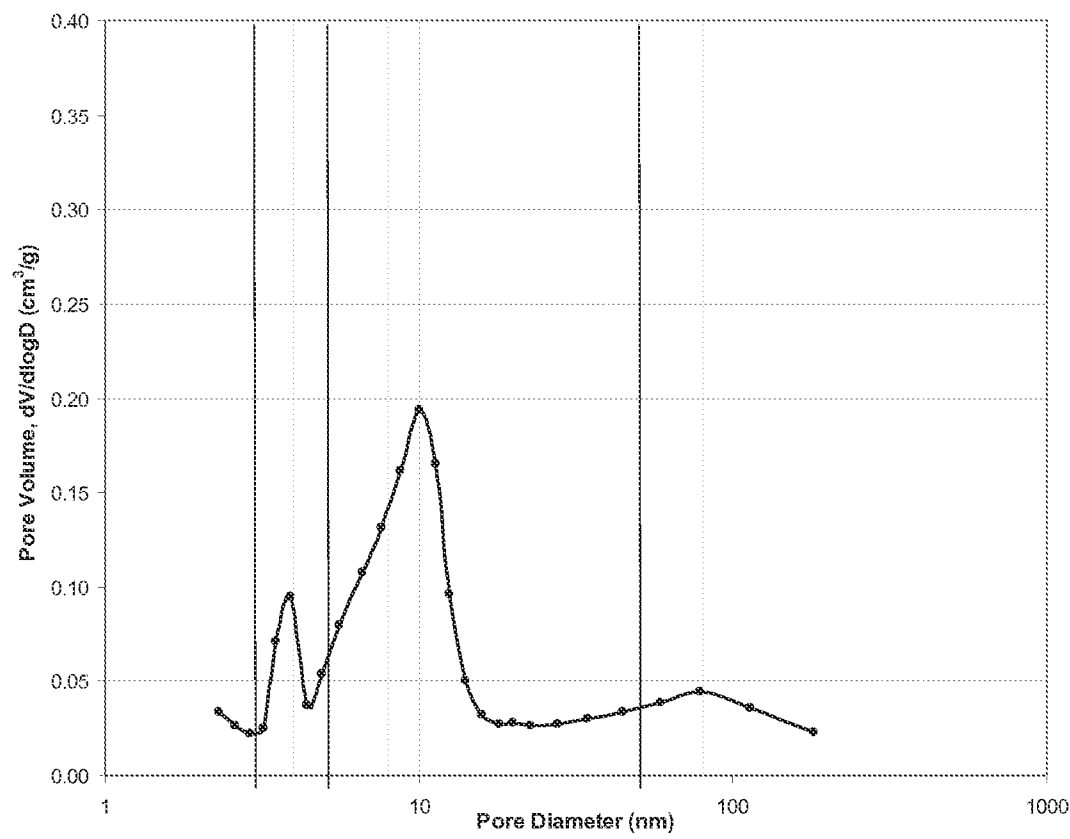
2/10

PRIOR ART



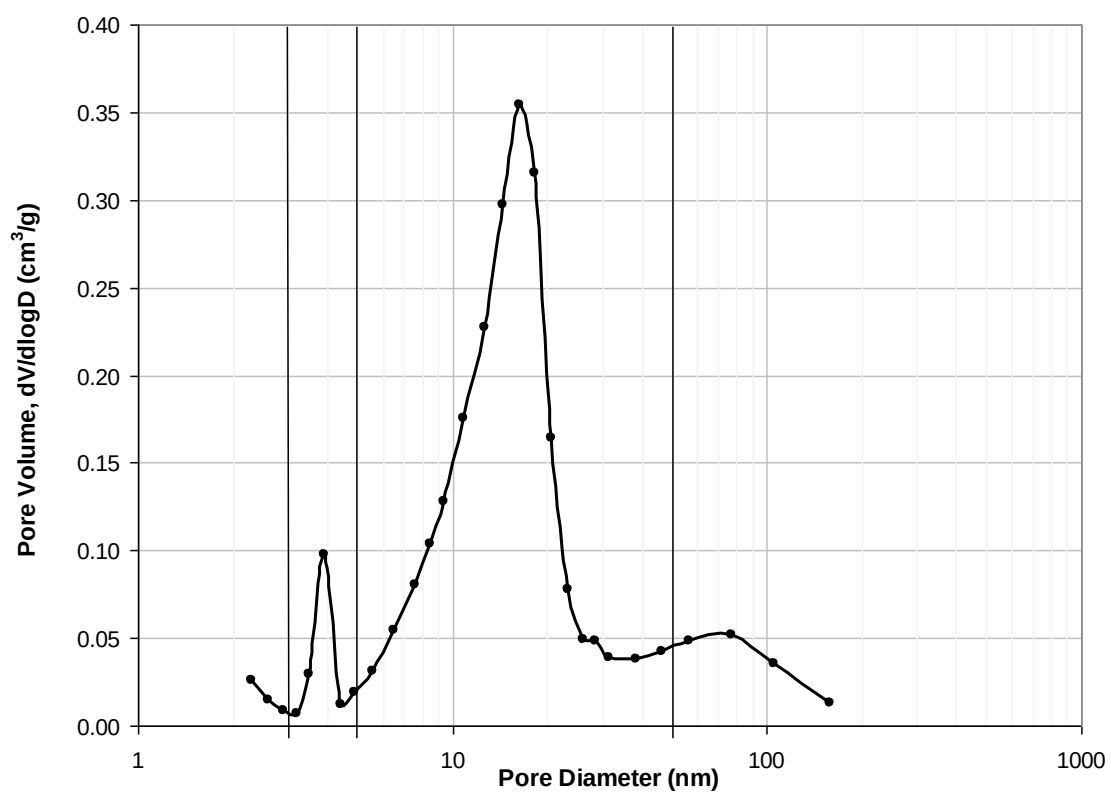
BJH Nitrogen Desorption Plot of USY Zeolite (after deactivation steaming)

FIGURE 2



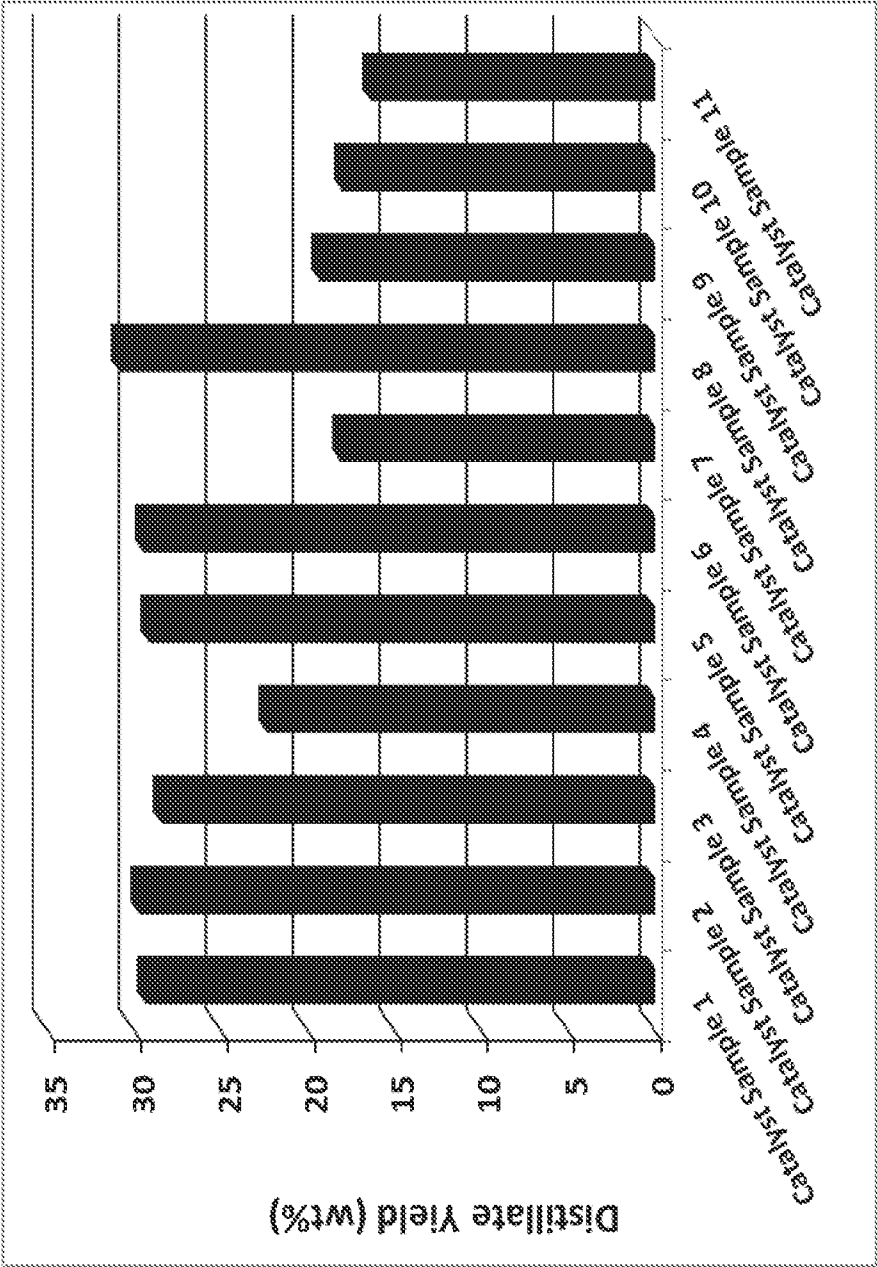
BJH Nitrogen Desorption Plot of EMY Zeolite (as fabricated)

FIGURE 3

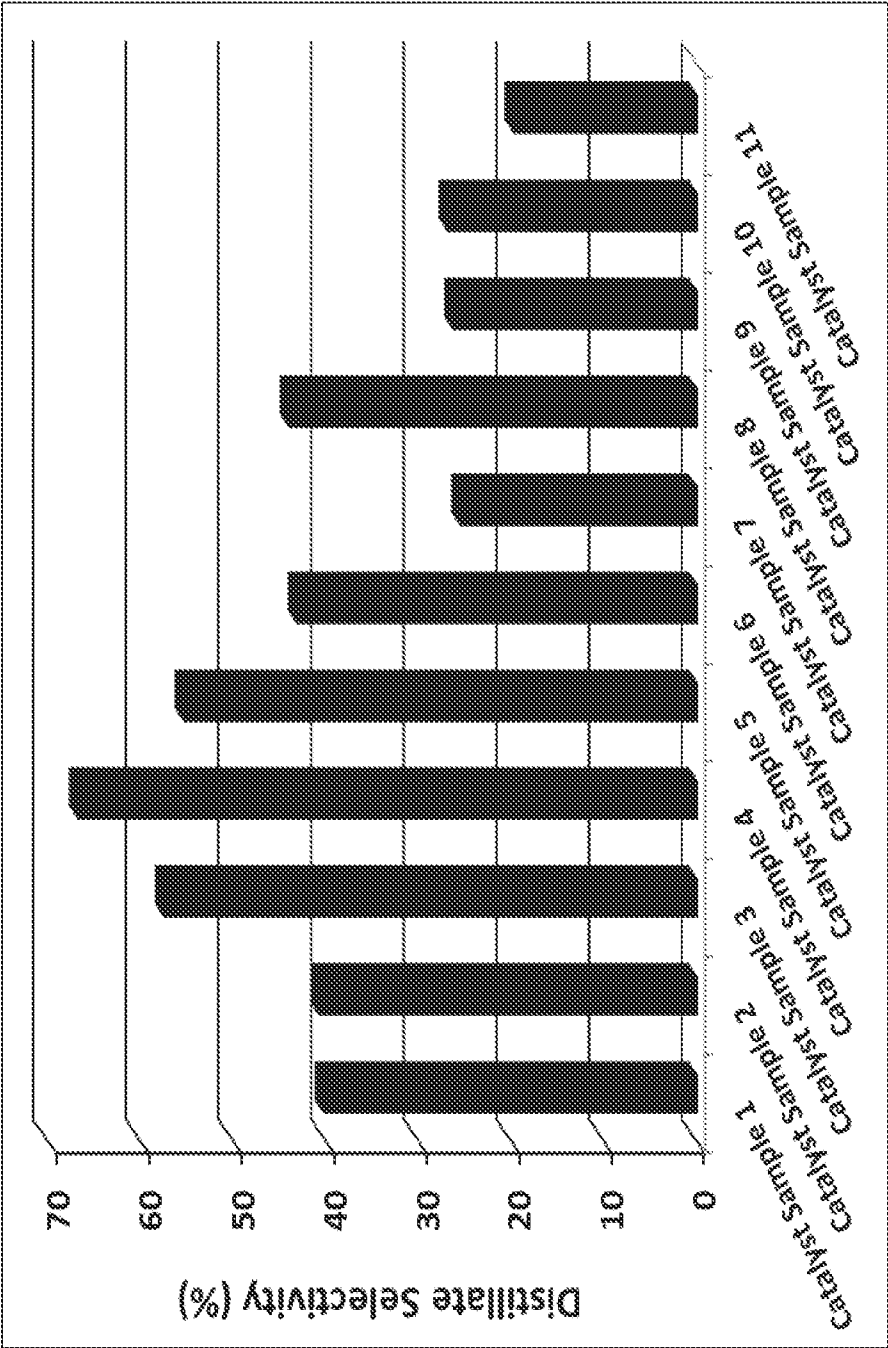


BJH Nitrogen Desorption Plot of EMY Zeolite (after deactivation steaming)

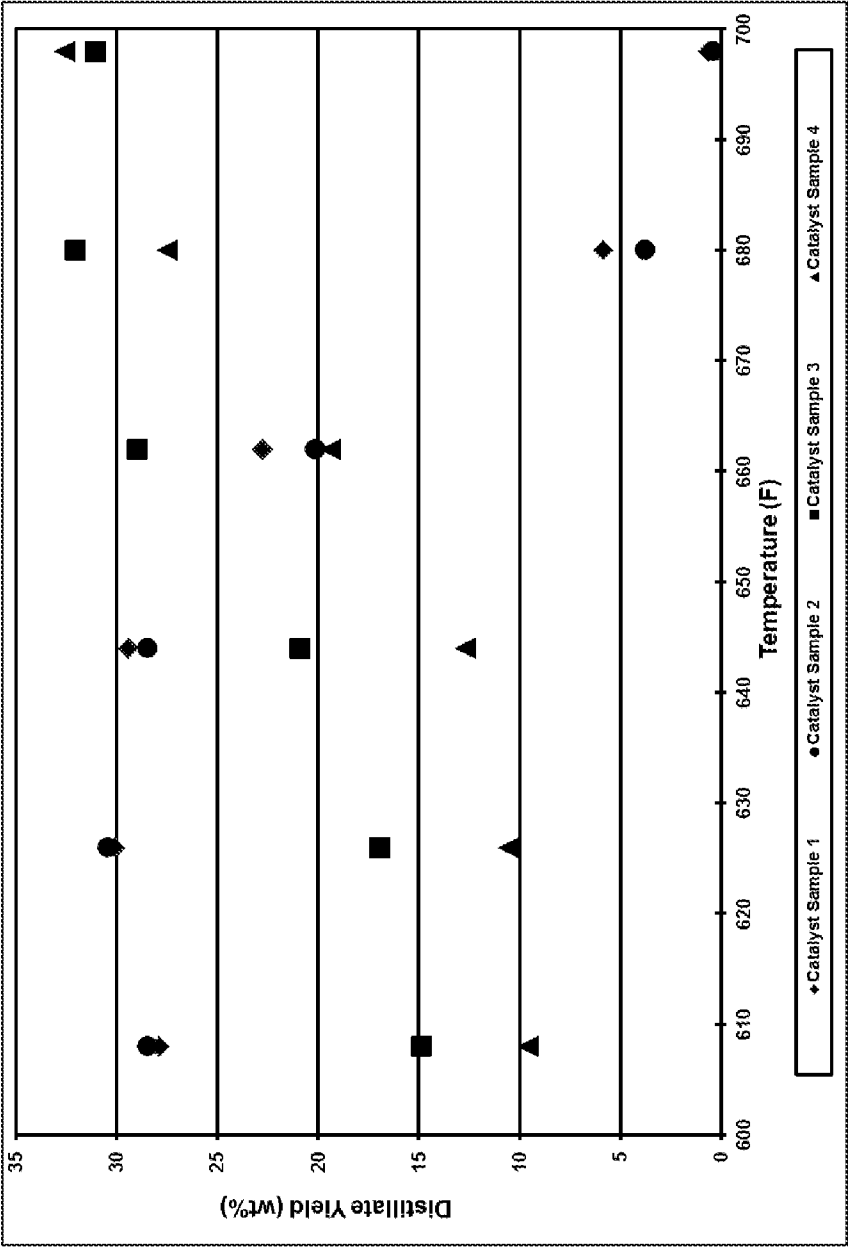
FIGURE 4



Distillate Yield results of Batch Unit Testing
FIGURE 5

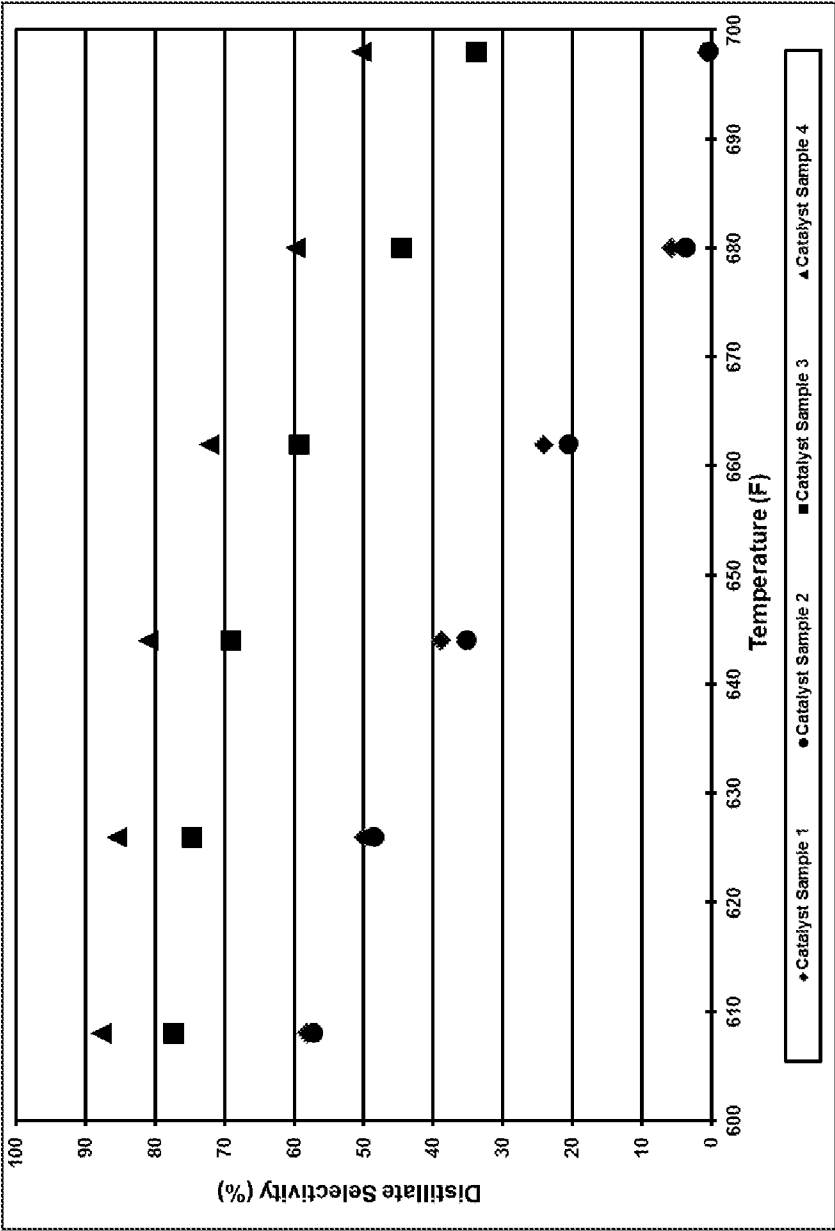


Distillate Selectivity results of Batch Unit Testing
FIGURE 6

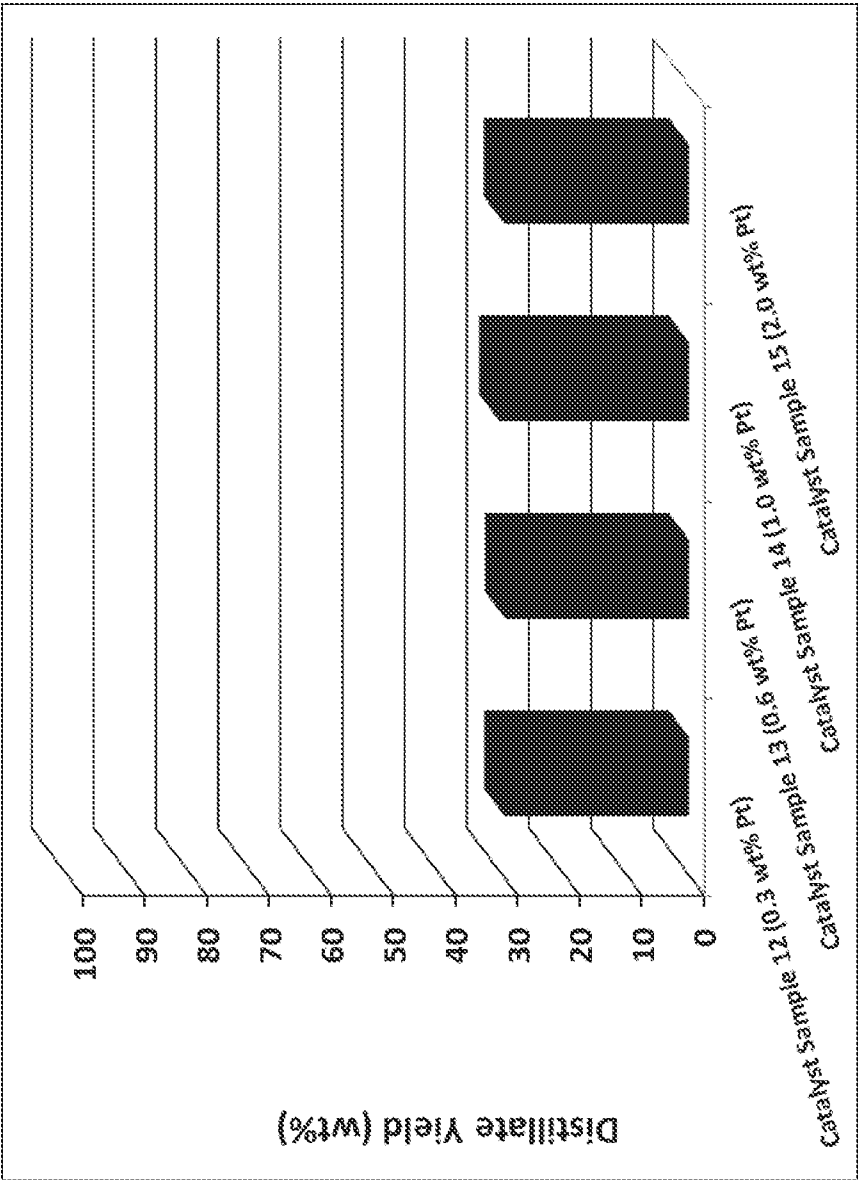


Distillate Yield results of Flow Unit Testing

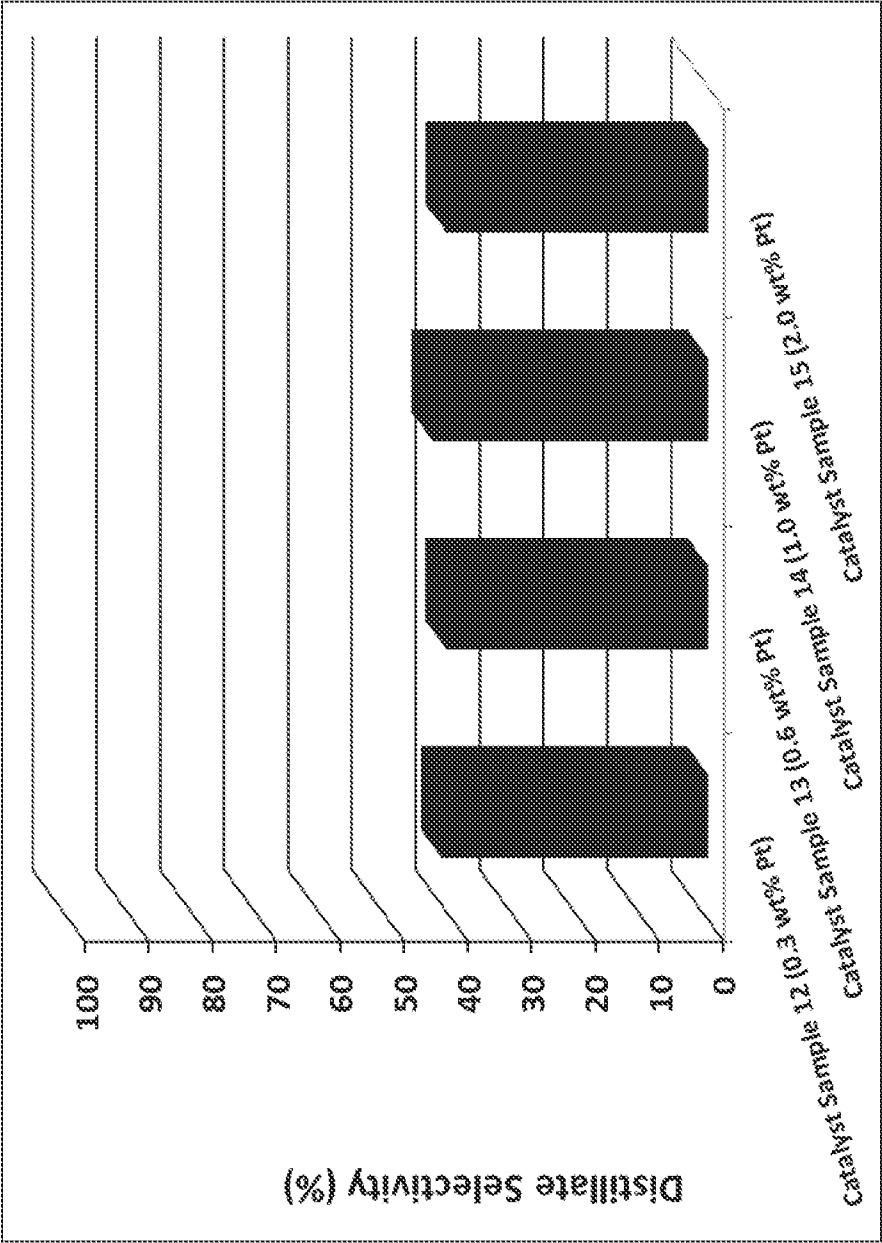
FIGURE 7



Distillate Selectivity results of Flow Unit Testing
FIGURE 8



Comparative Distillate Yields based on Different Active Metal Loadings
FIGURE 9



Comparative Distillate Selectivities based on Different Active Metal Loadings
FIGURE 10