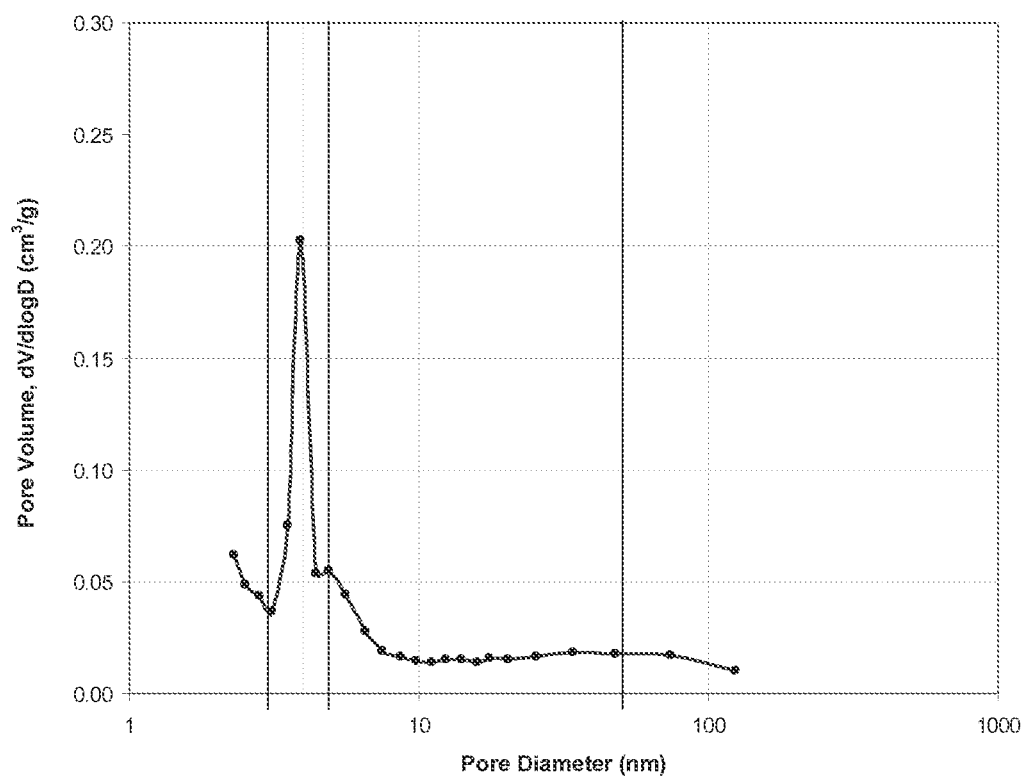


1/10

PRIOR ART

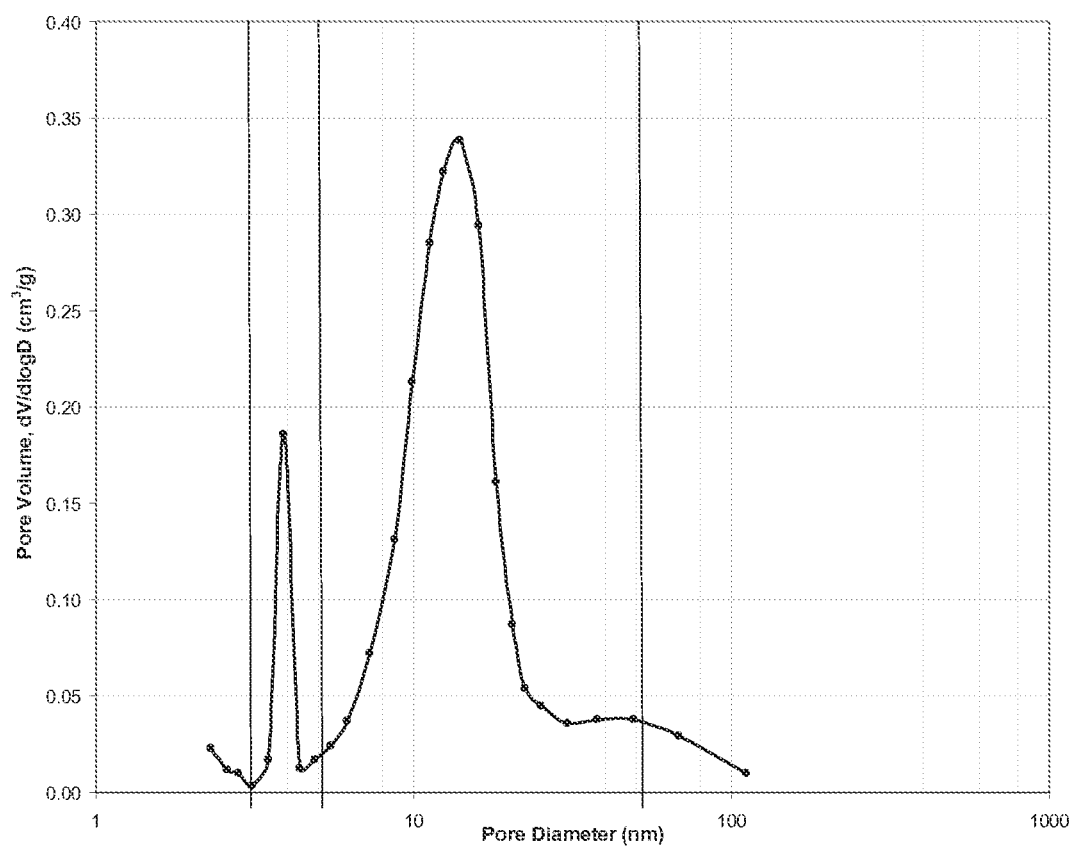


BJH Nitrogen Desorption Plot of USY Zeolite (as fabricated)

FIGURE 1

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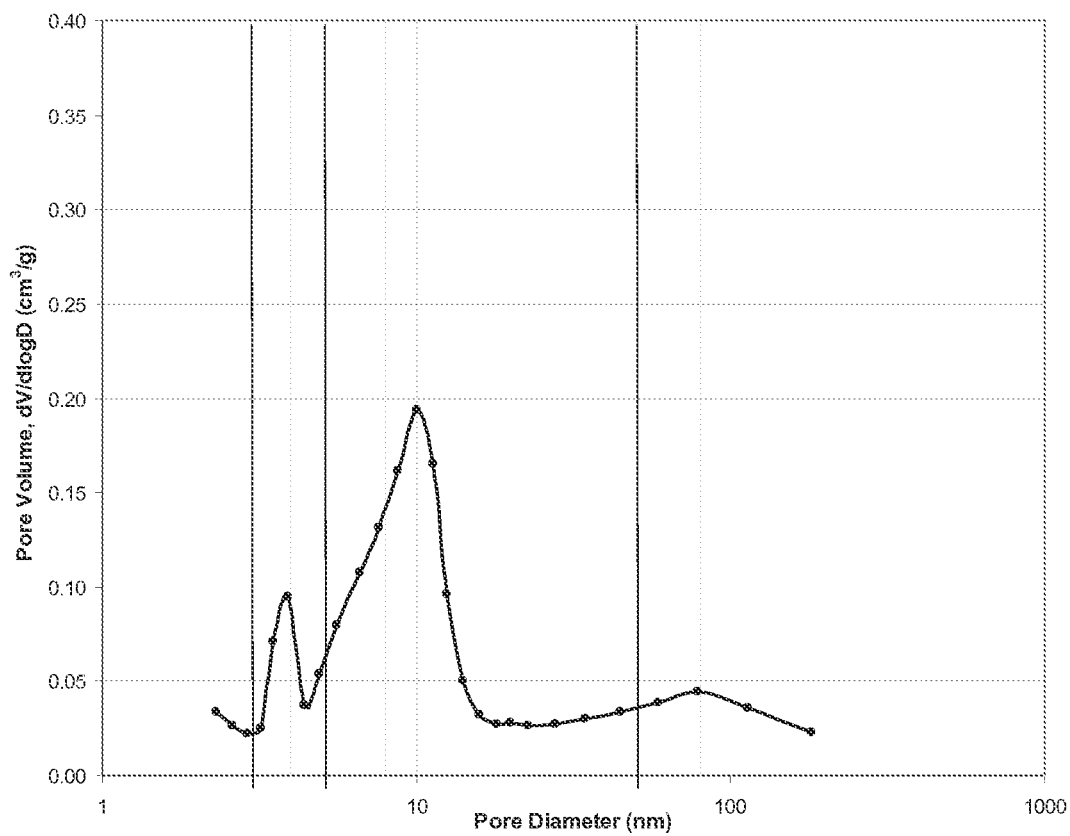
PRIOR ART



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

FIGURE 2

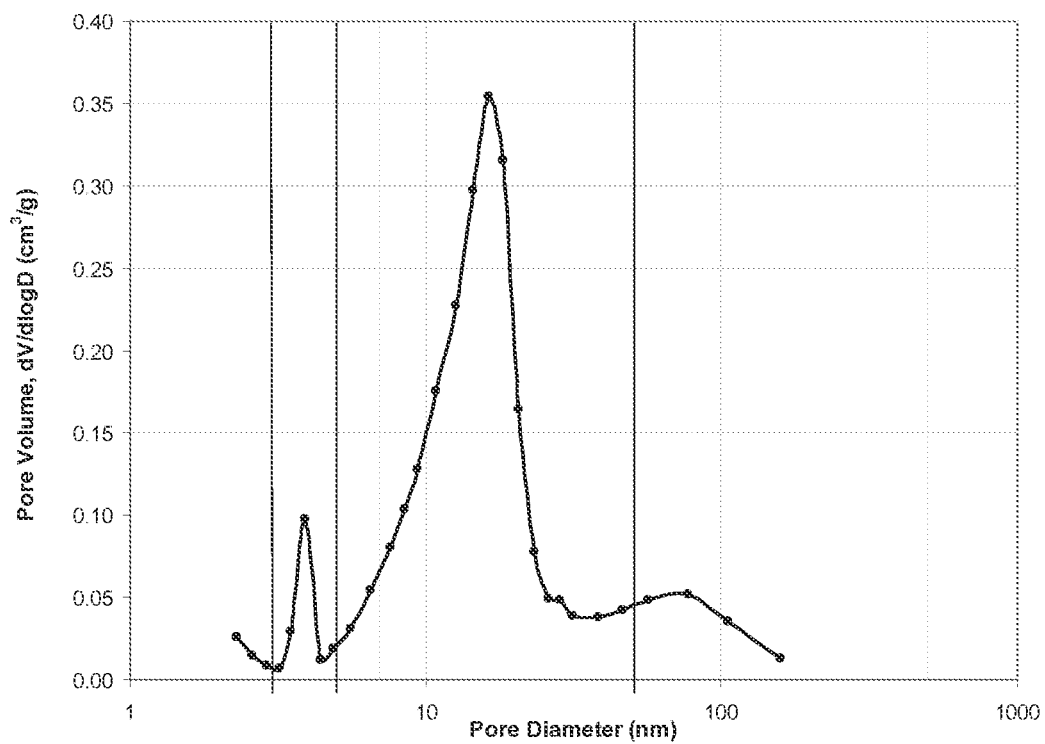
3/10



BJH Nitrogen Desorption Plot of EMY Zeolite (as fabricated)

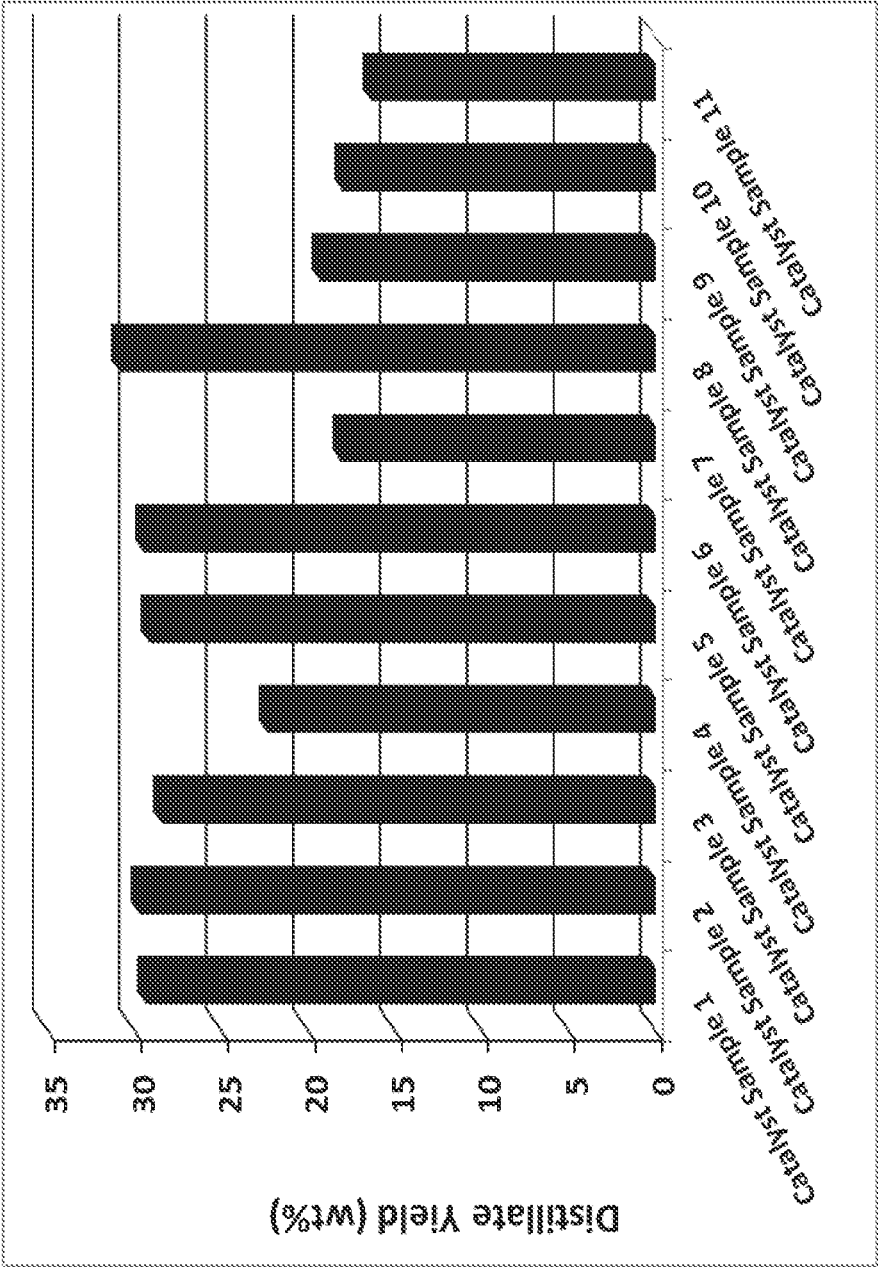
FIGURE 3

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

FIGURE 4



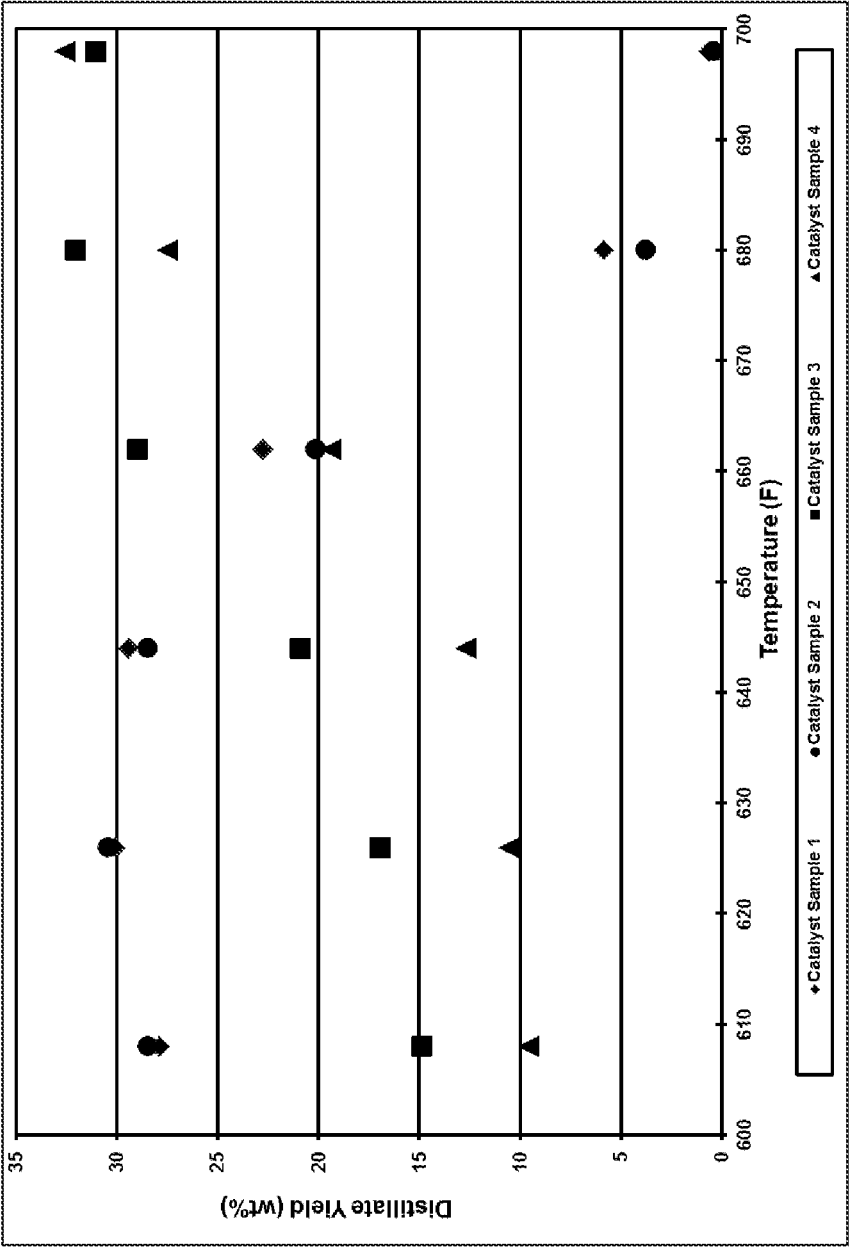
Distillate Yield results of Batch Unit Testing
FIGURE 5

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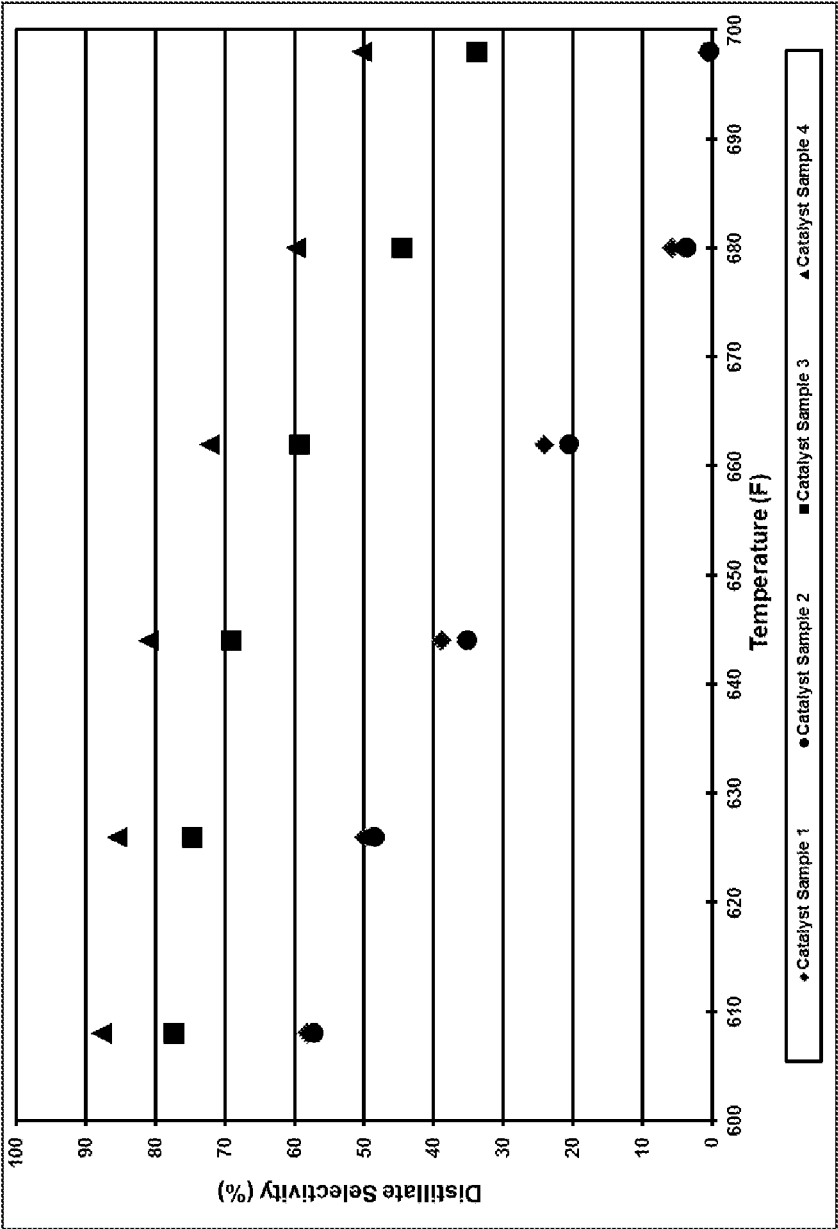
Distillate Selectivity results of Batch Unit Testing

FIGURE 6



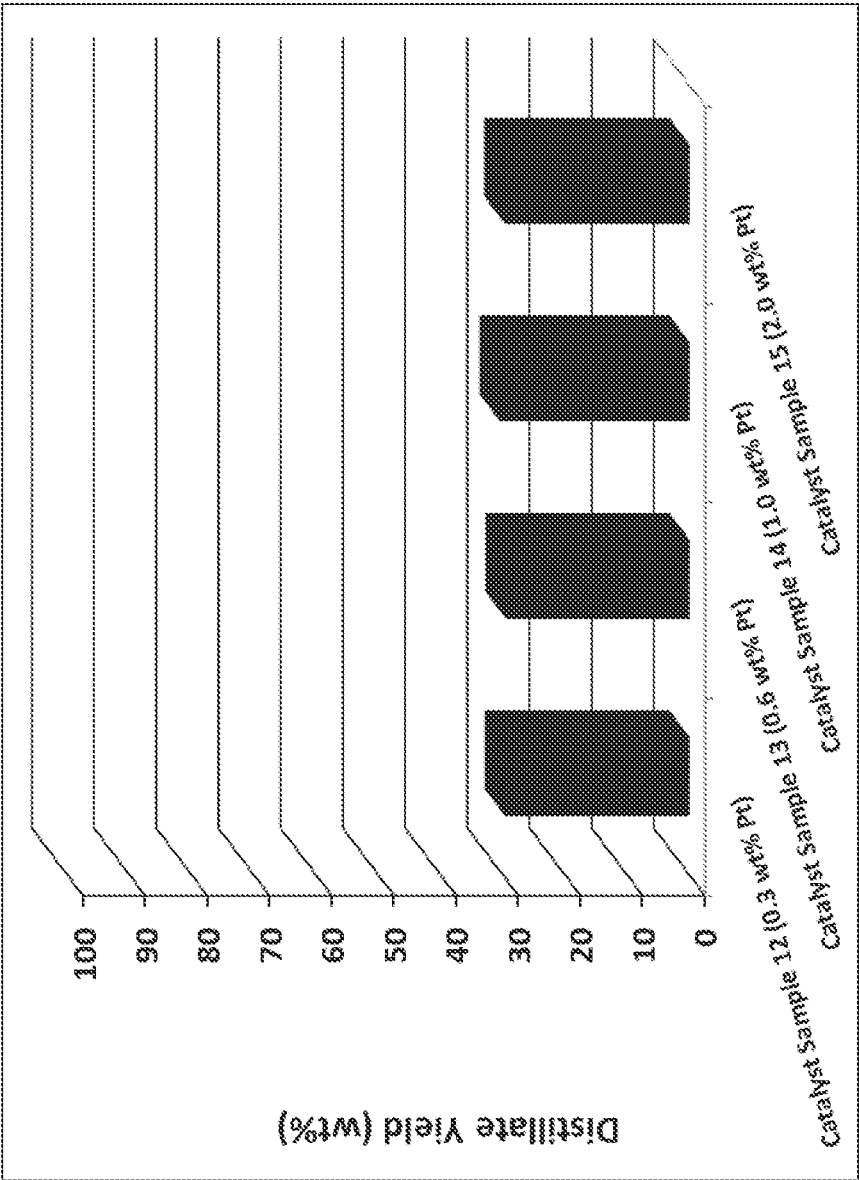
Distillate Yield results of Flow Unit Testing

FIGURE 7

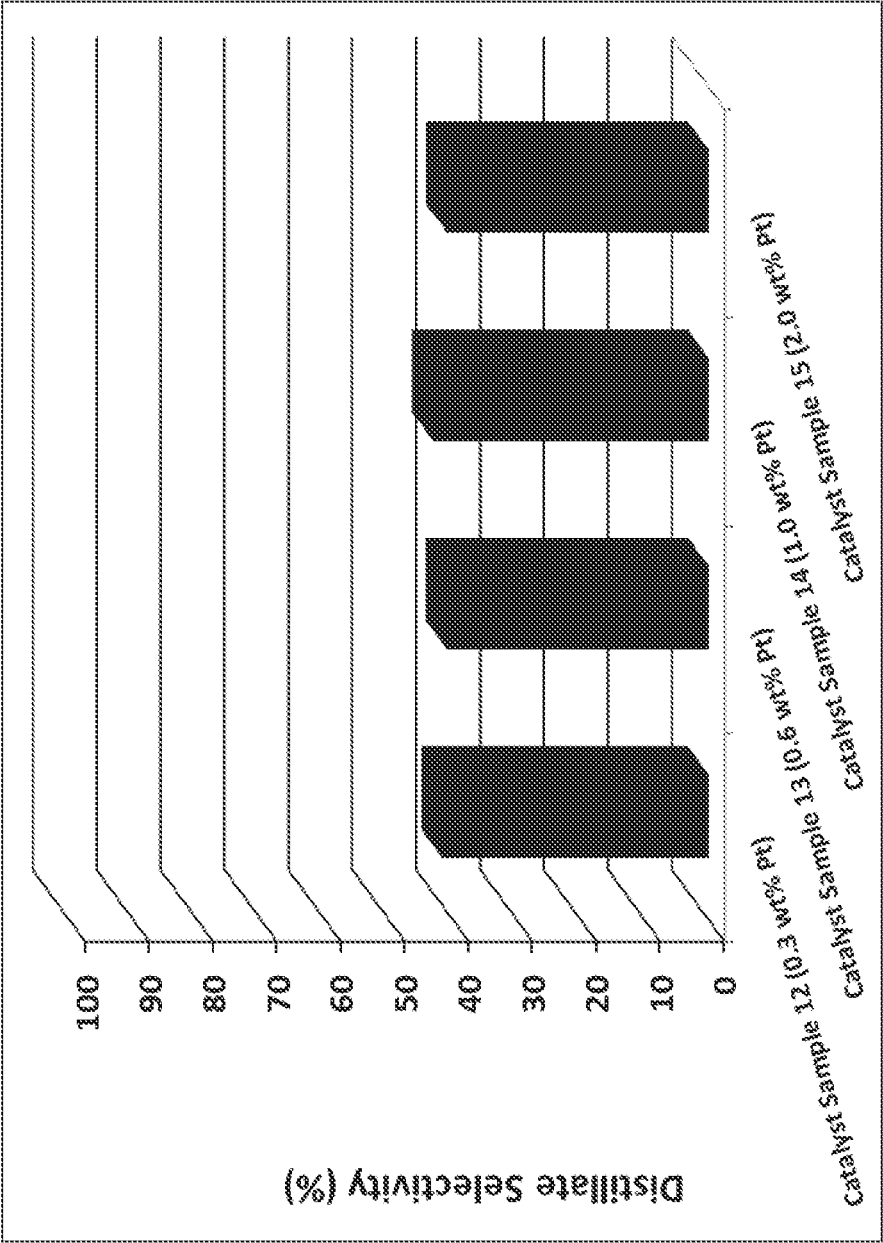


Distillate Selectivity results of Flow Unit Testing

FIGURE 8



Comparative Distillate Yields based on Different Active Metal Loadings
FIGURE 9



Comparative Distillate Selectivities based on Different Active Metal Loadings
FIGURE 10