

1/30

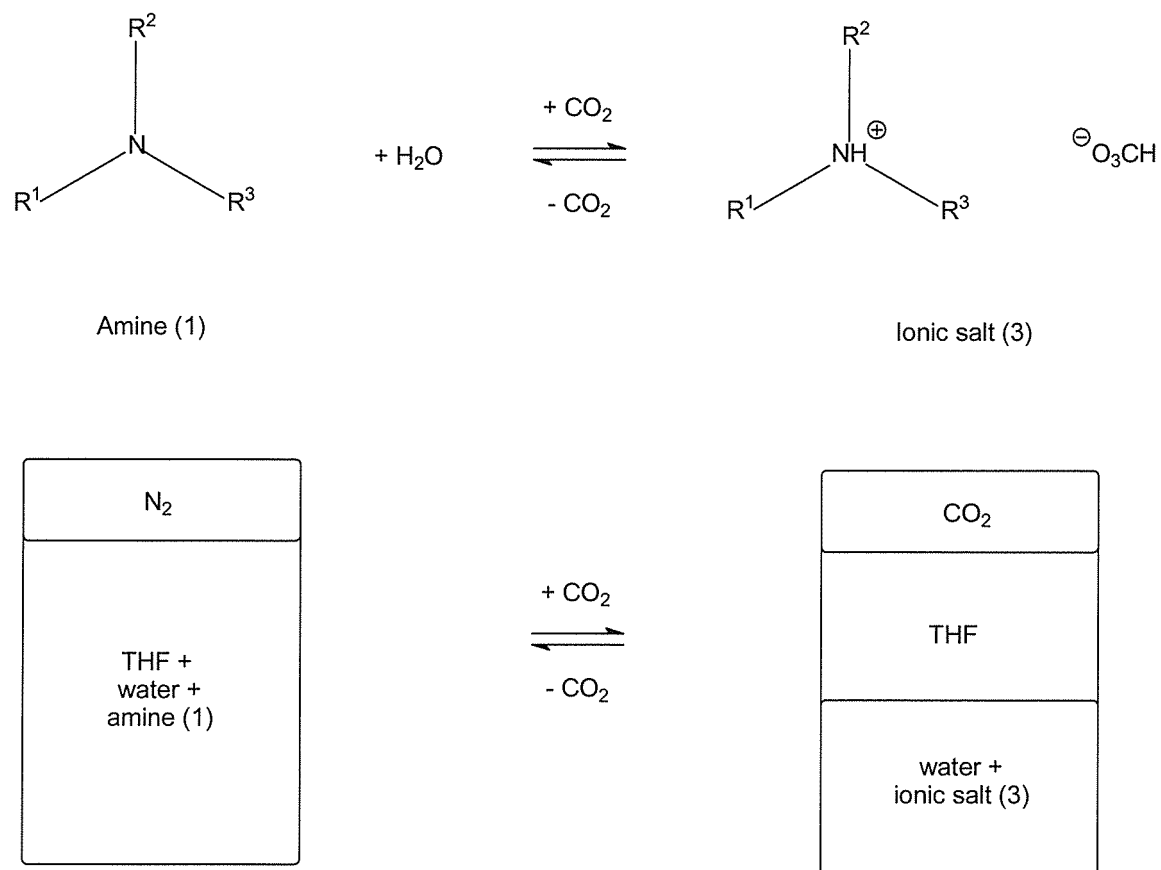
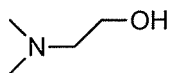
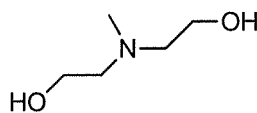


Figure 1

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N,N-(dimethylamino)ethanol ("DMAE")



N-methyldiethanolamine ("MDEA")

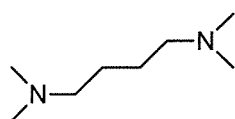
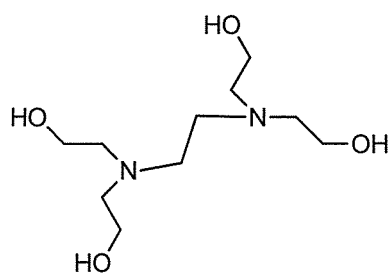
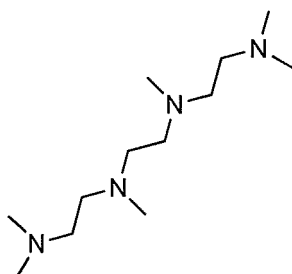
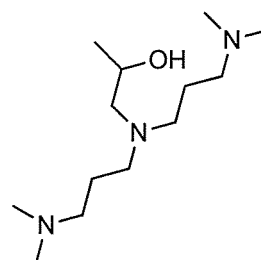
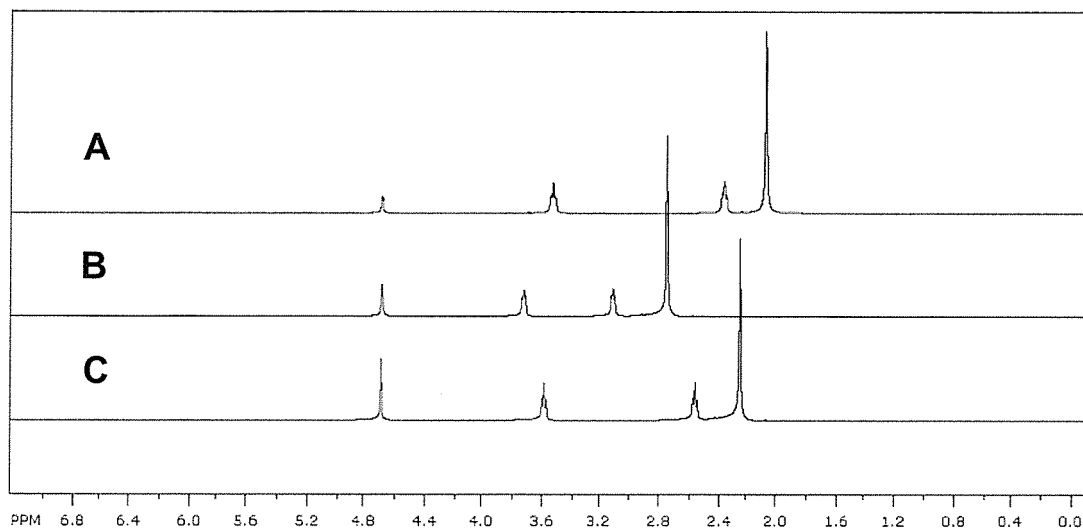
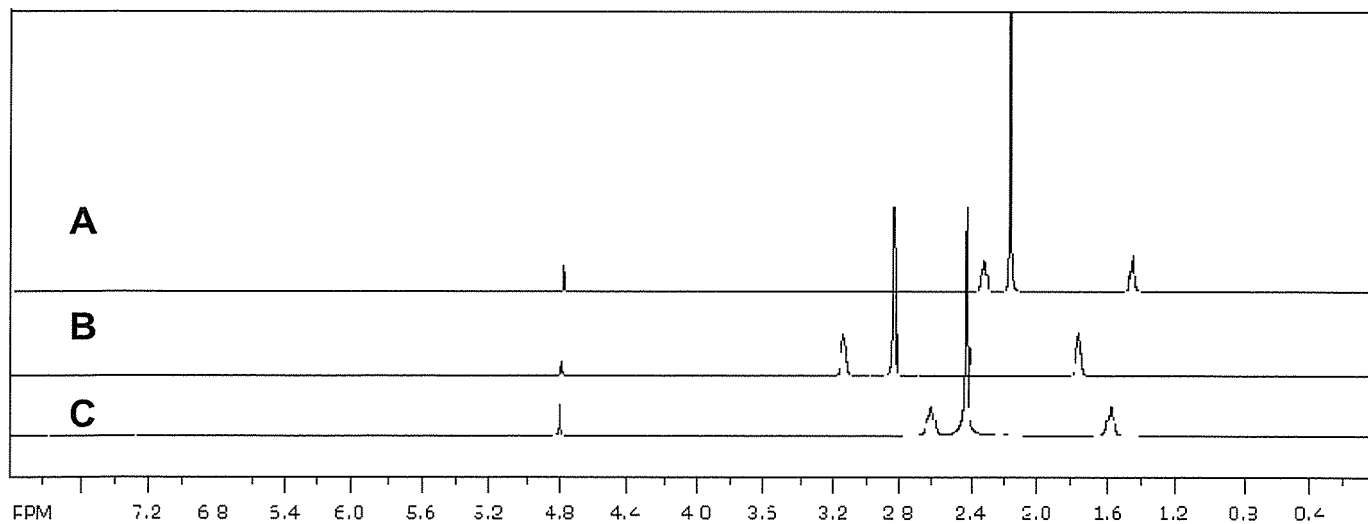
N,N,N',N'-tetramethyl-1,4-diamino-
butane ("TMDAB")N,N,N',N'-tetrakis(2-
hydroxyethyl)ethylenediamine ("THEED")1,1,4,7,10,10-hexamethyltriethylene-
tetramine ("HMTETA")1-[bis-[3-(dimethylamino)]propyl]amino]-2-
propanol ("DMAPAP")

Figure 2

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**Figure 3****Figure 4**

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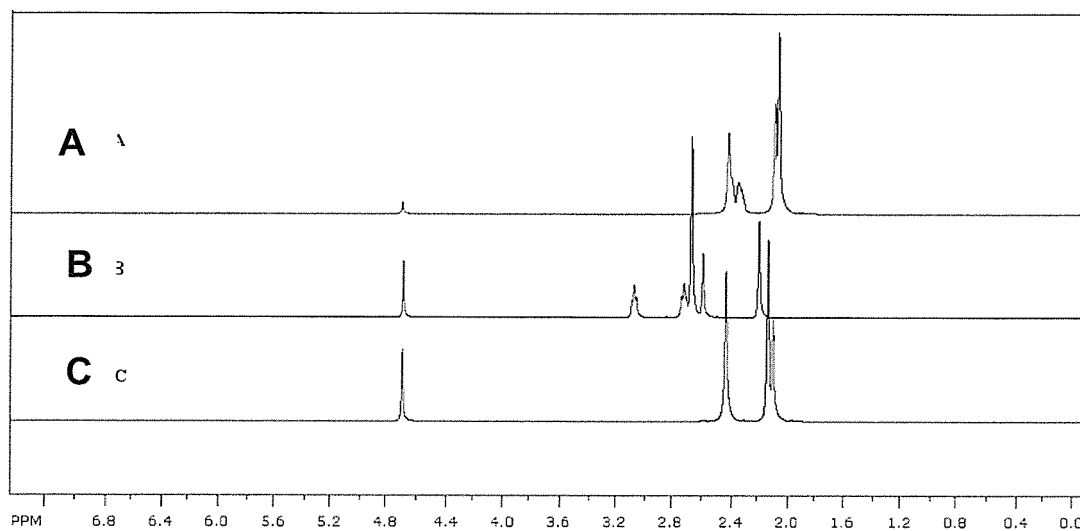


Figure 5

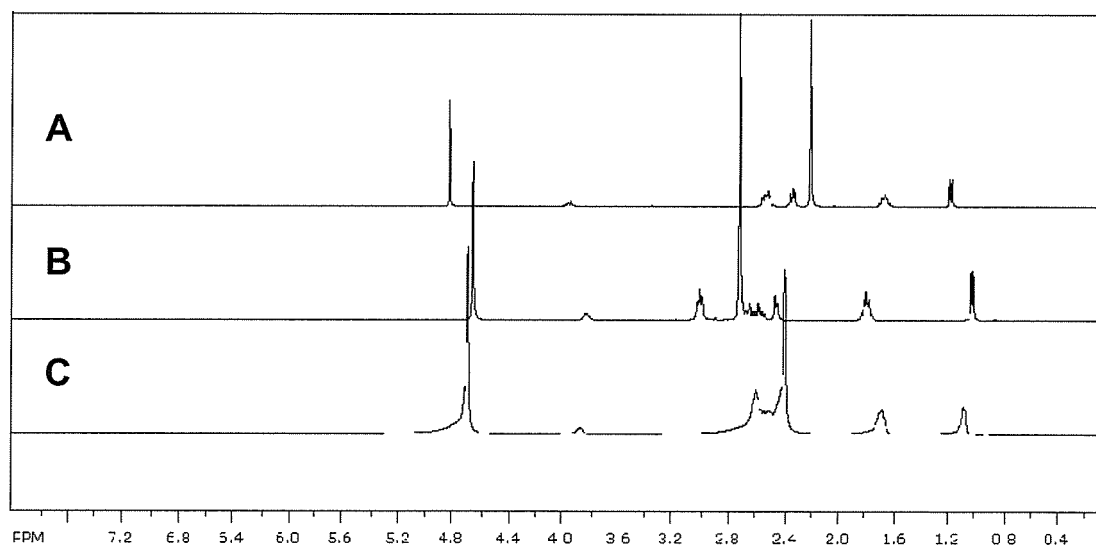


Figure 6

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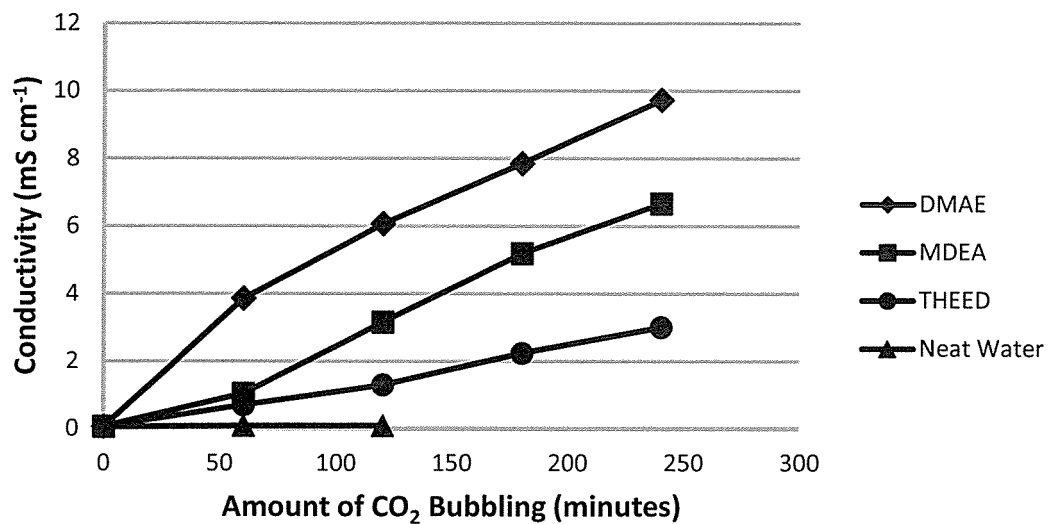


Figure 7

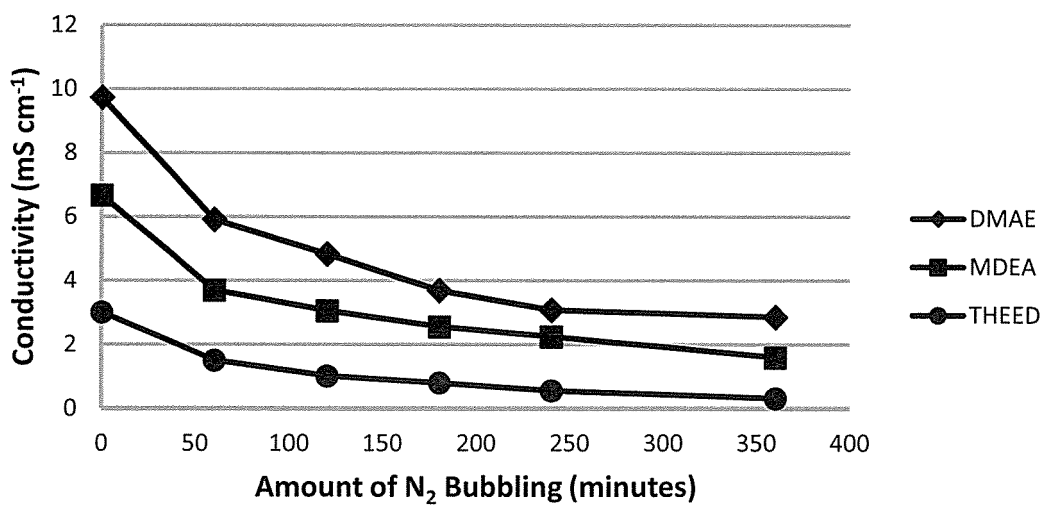


Figure 8

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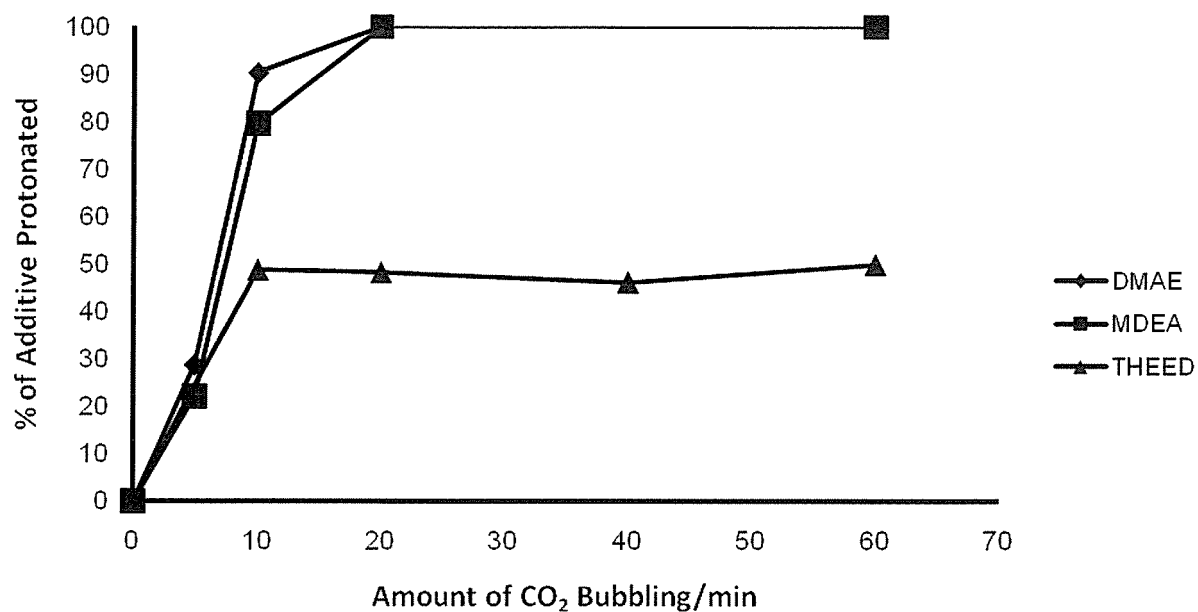


Figure 9

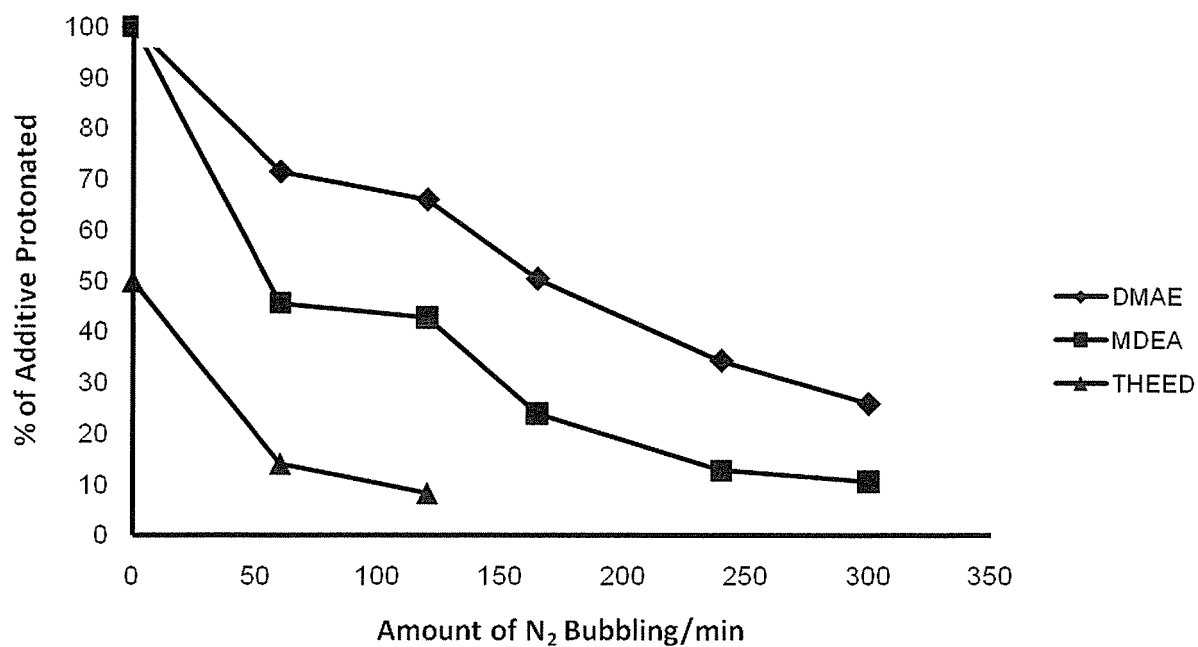


Figure 10

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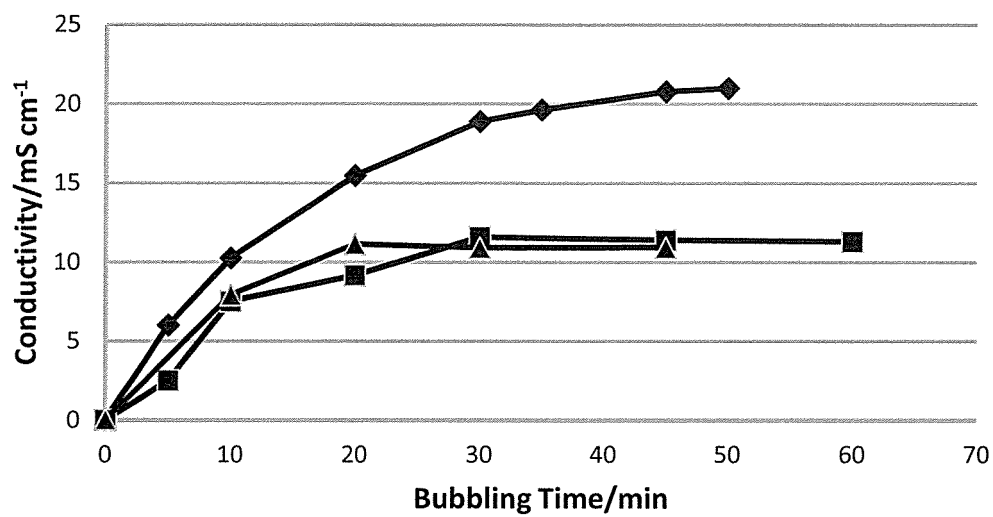


Figure 11

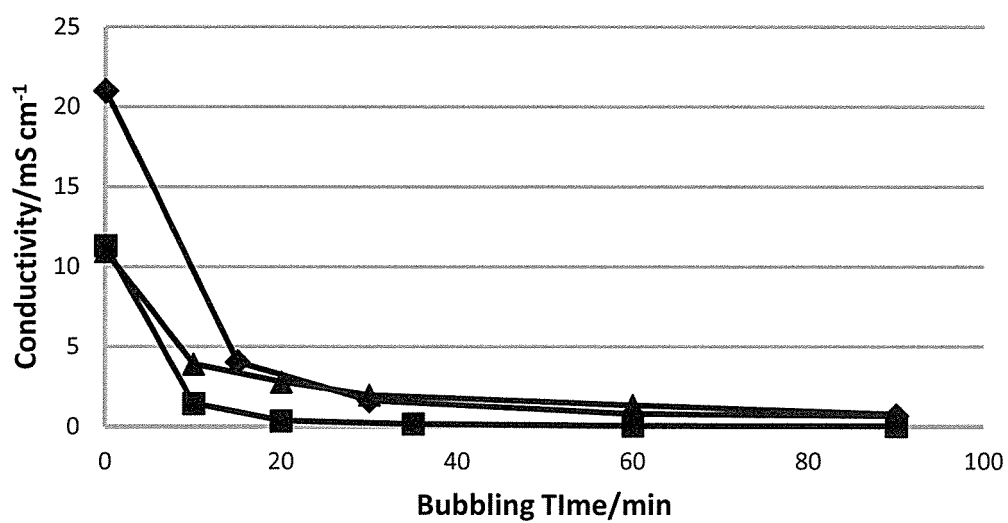
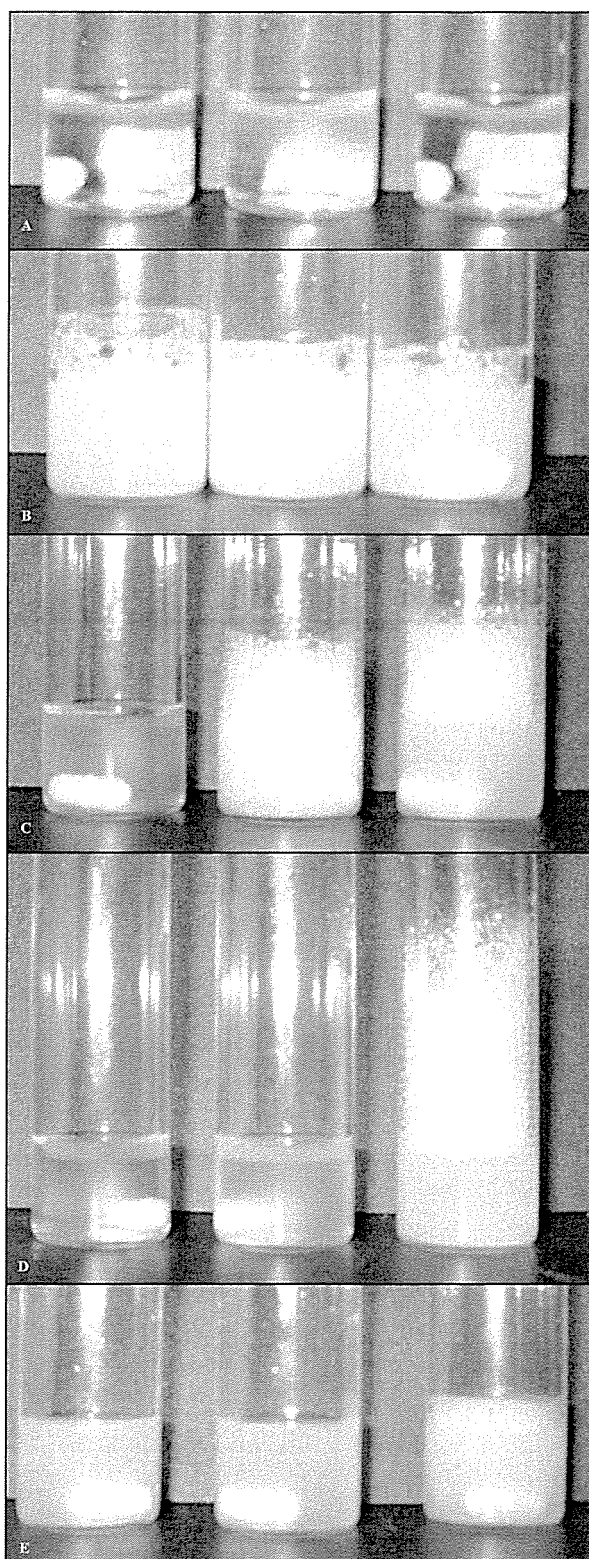
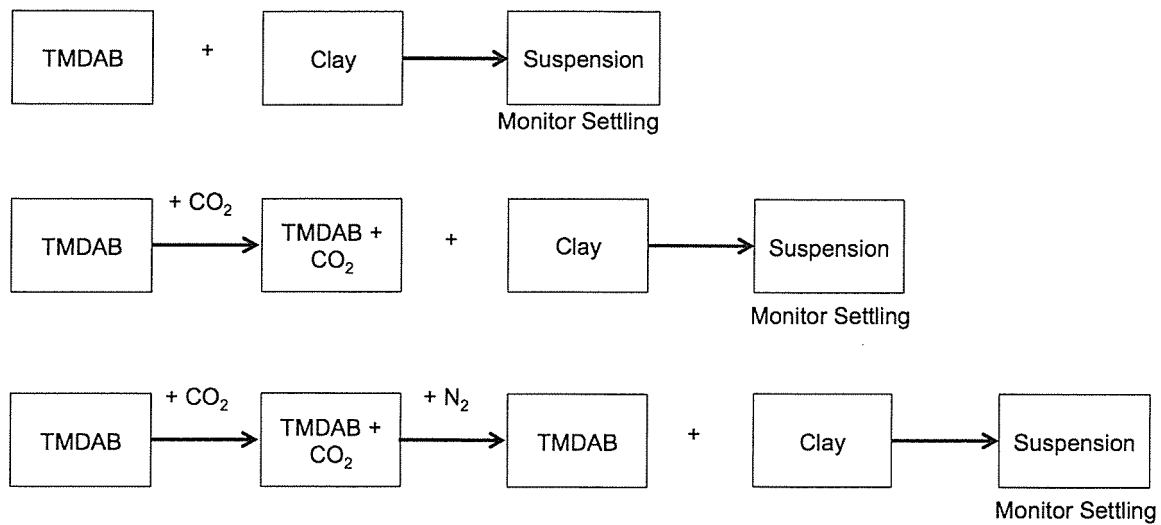
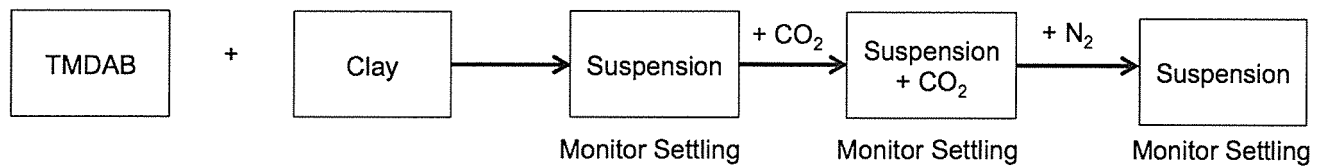
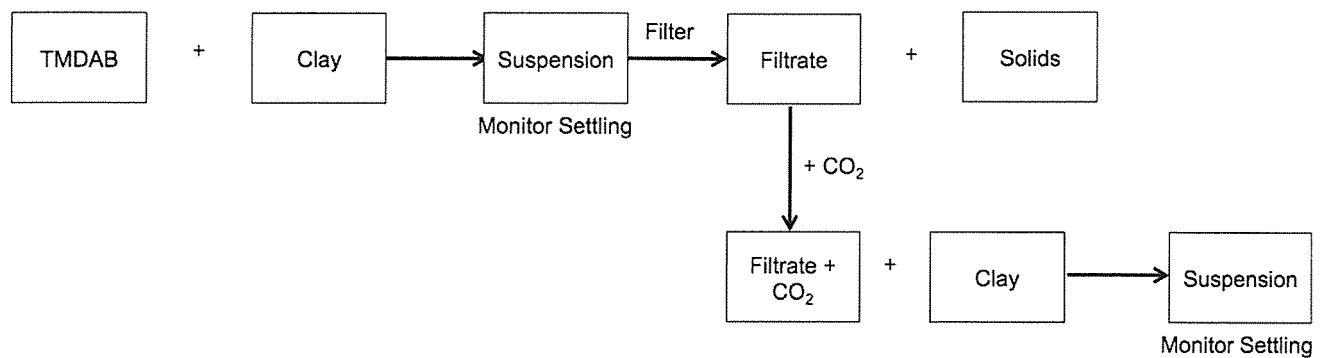


Figure 12

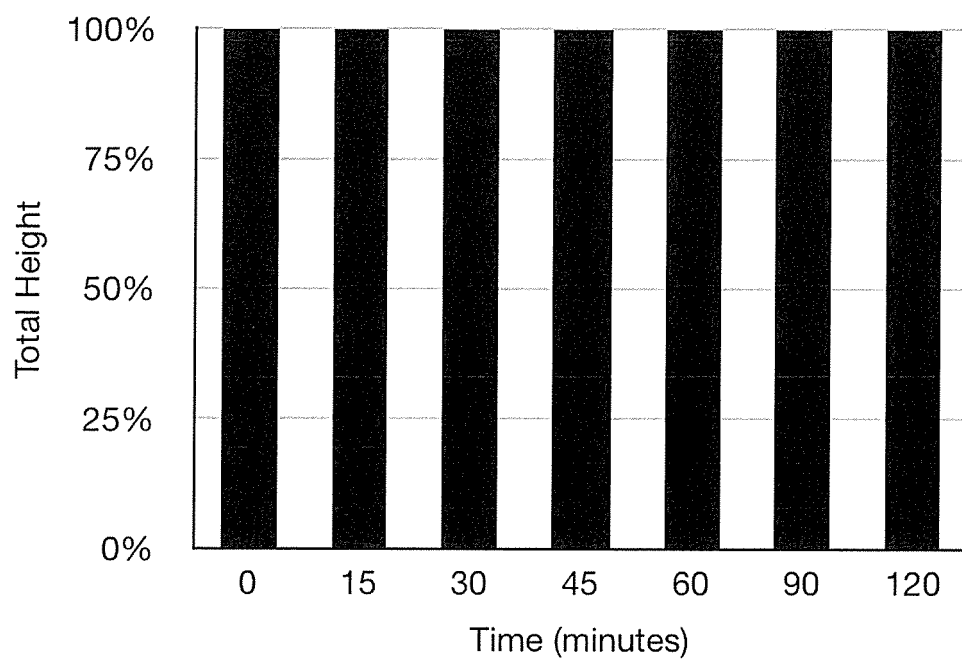
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**Figure 13**

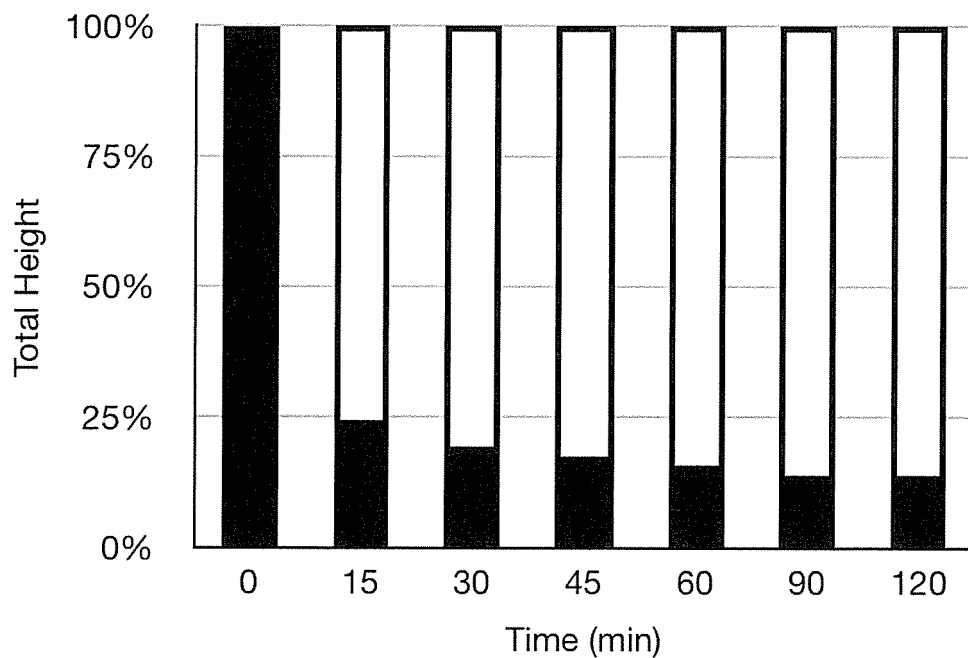
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**Figure 14A****Figure 14B****Figure 14C**

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■ Clay Fines

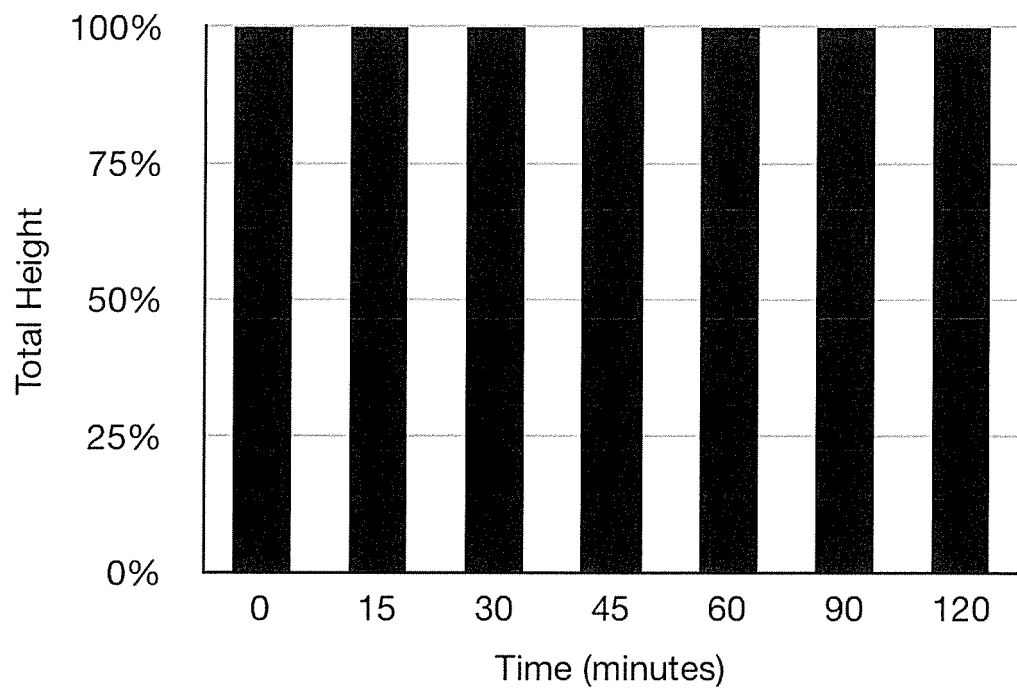
Figure 15A

■ Clay Fines

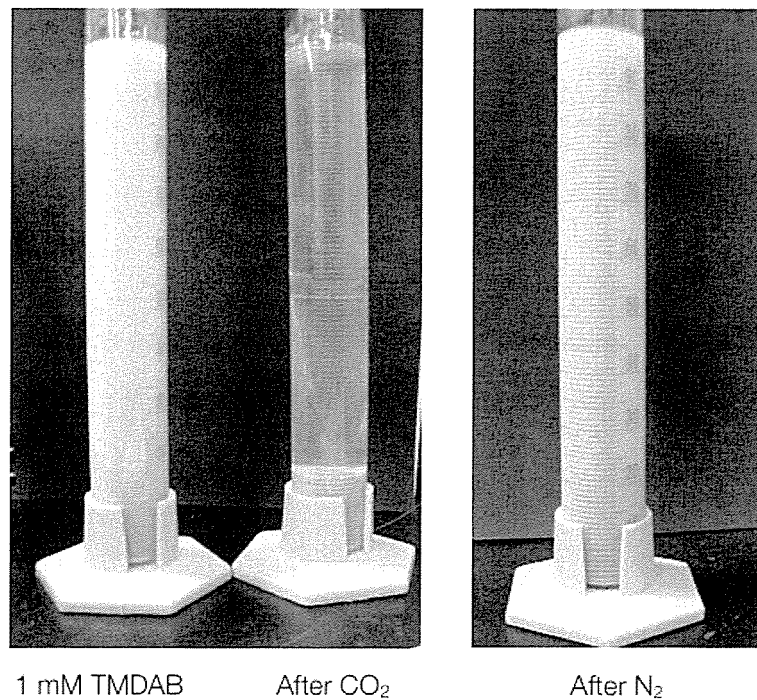
□ Clear Supernatant

Figure 15B

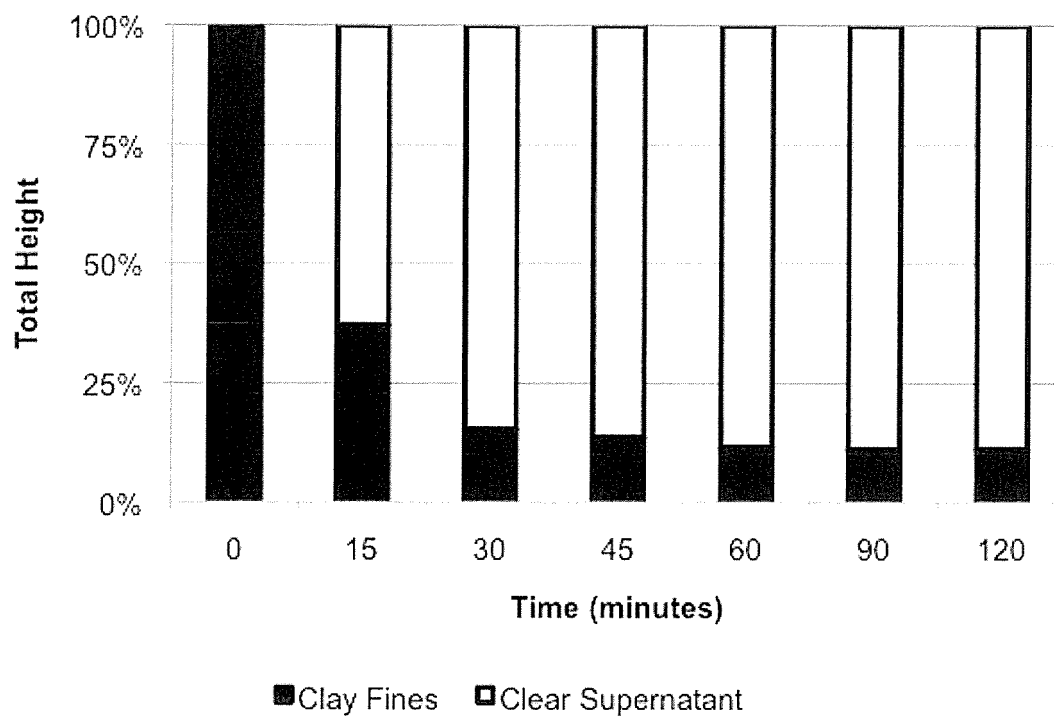
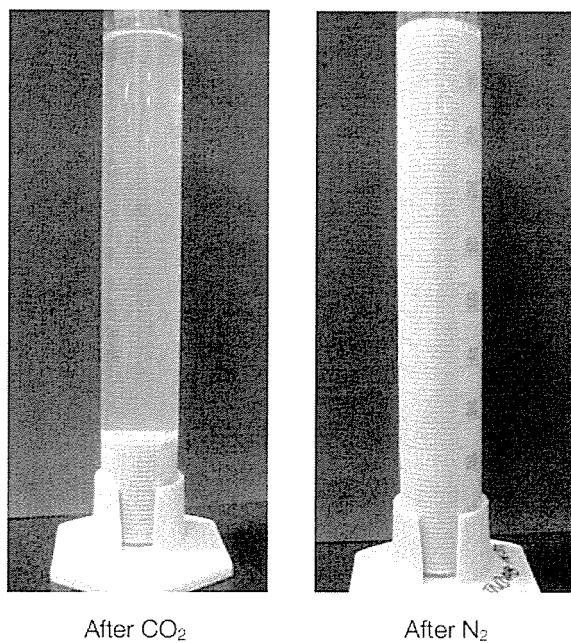
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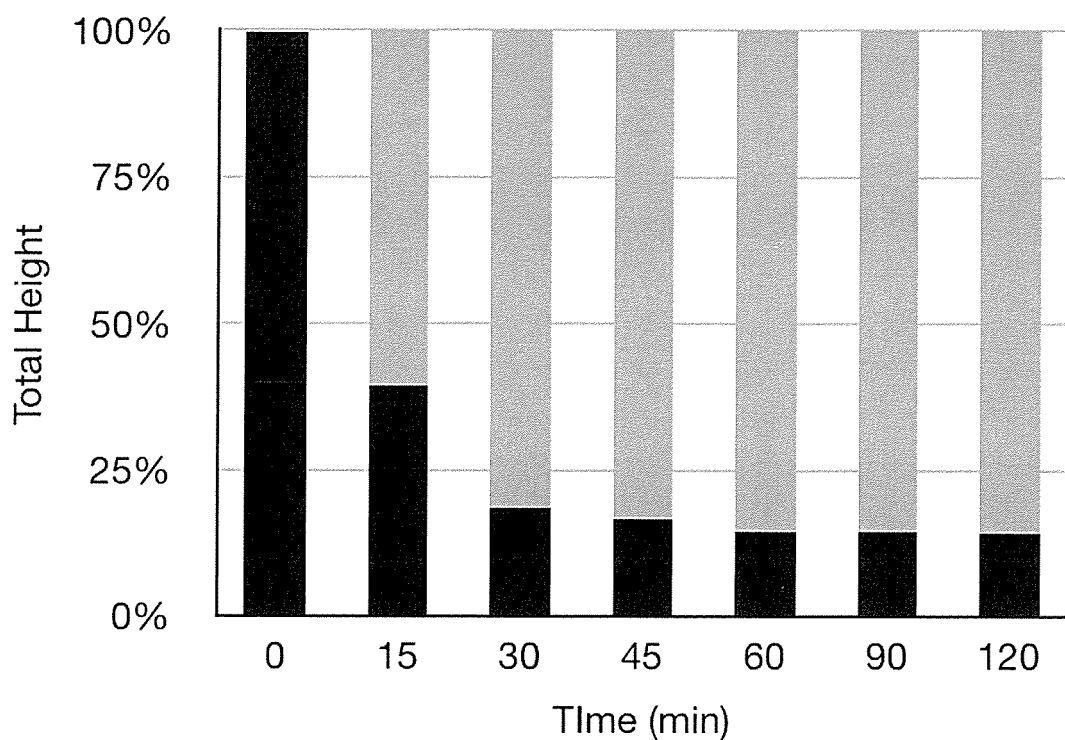
■ Clay Fines

Figure 15C**Figure 15D**

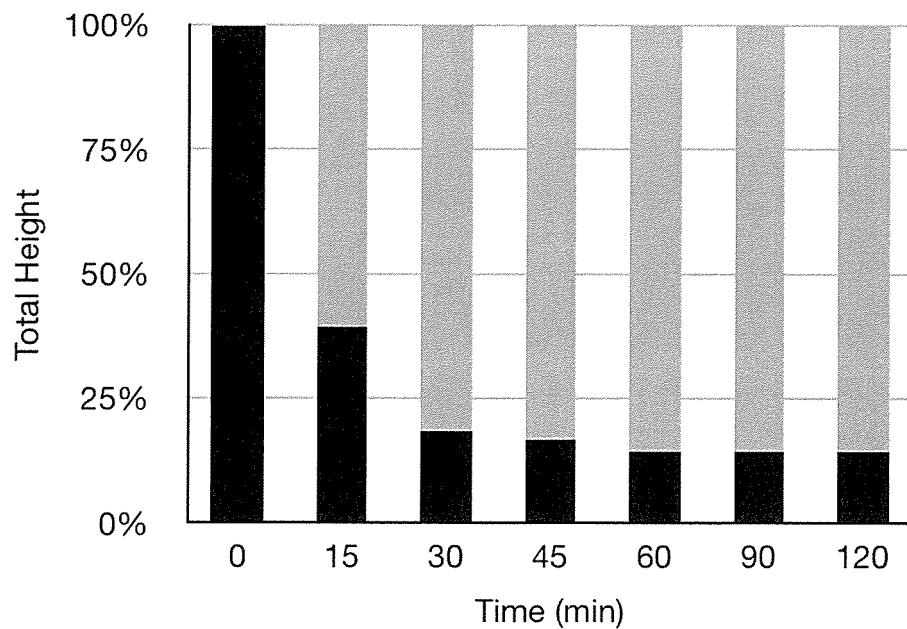
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**Figure 16A****Figure 16B**

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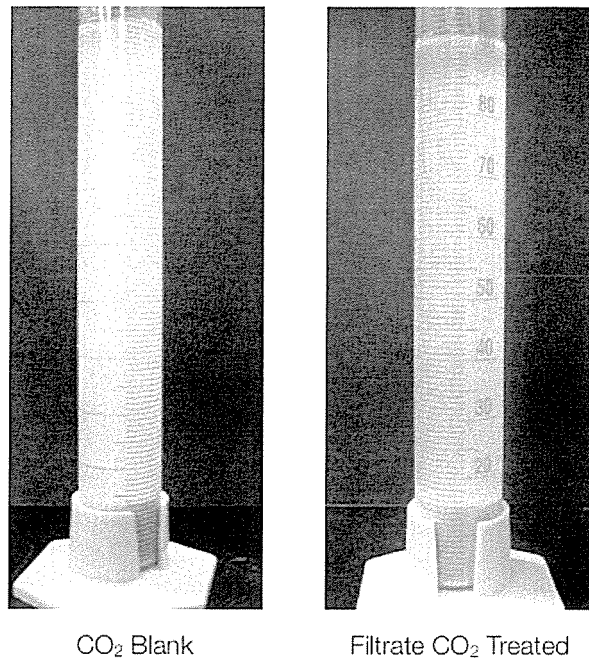
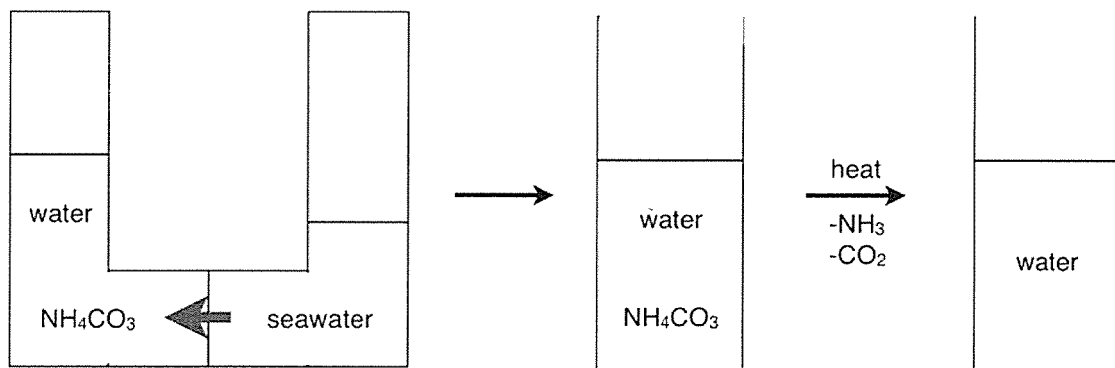
■ Clay fines ■ Turbid Supernatant

Figure 17A

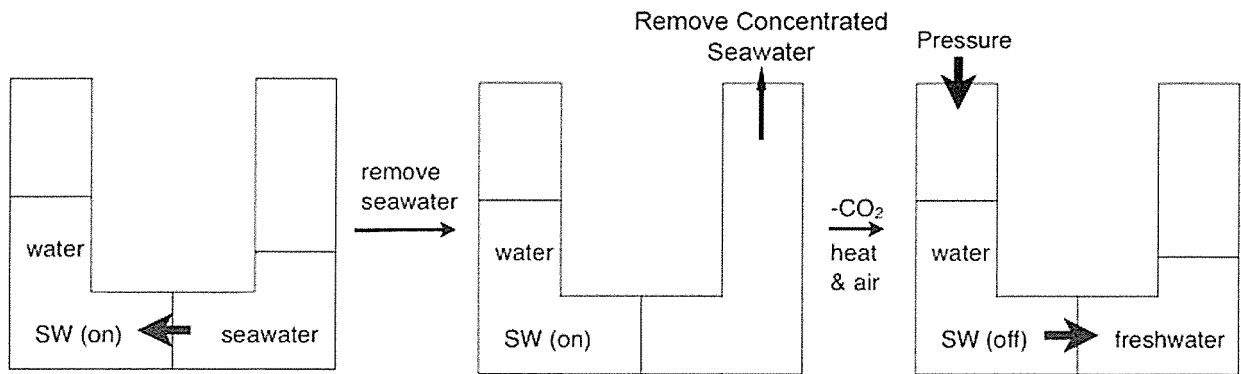
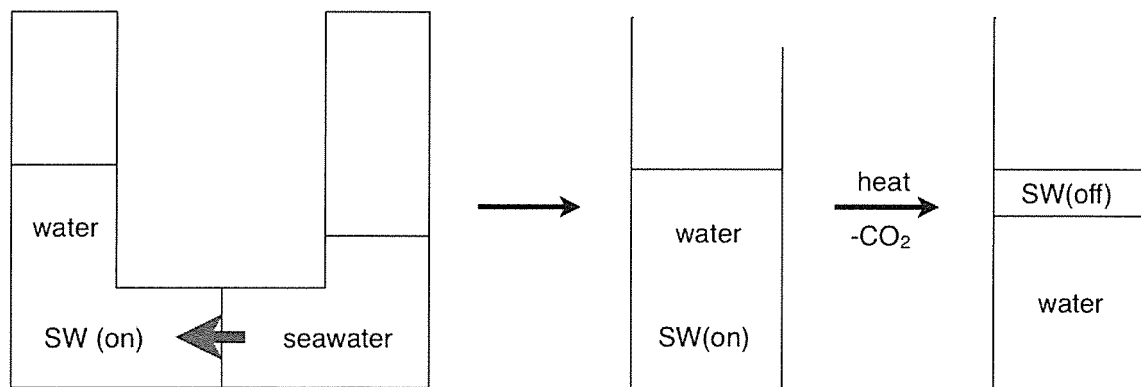
■ Clay Fines ■ Turbid Supernatant

FIGURE 17B

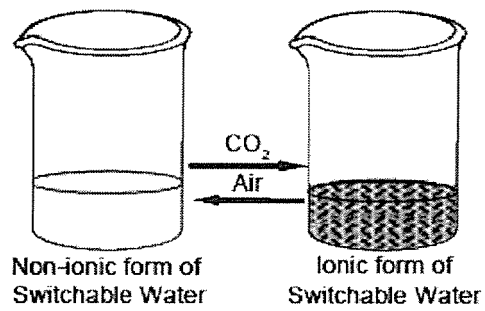
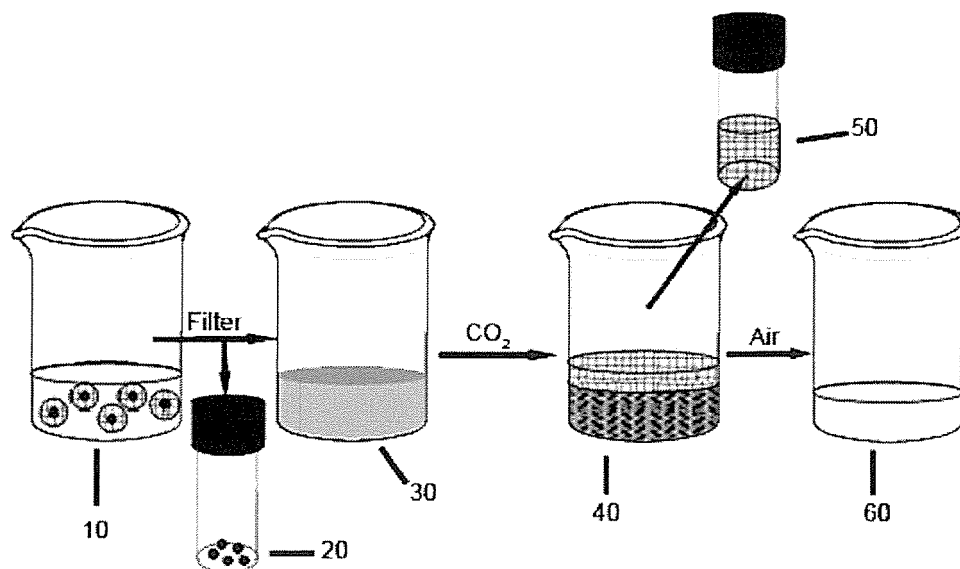
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**Figure 17C****Figure 18**

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**Figure 19****Figure 20**

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**Figure 21****Figure 22**

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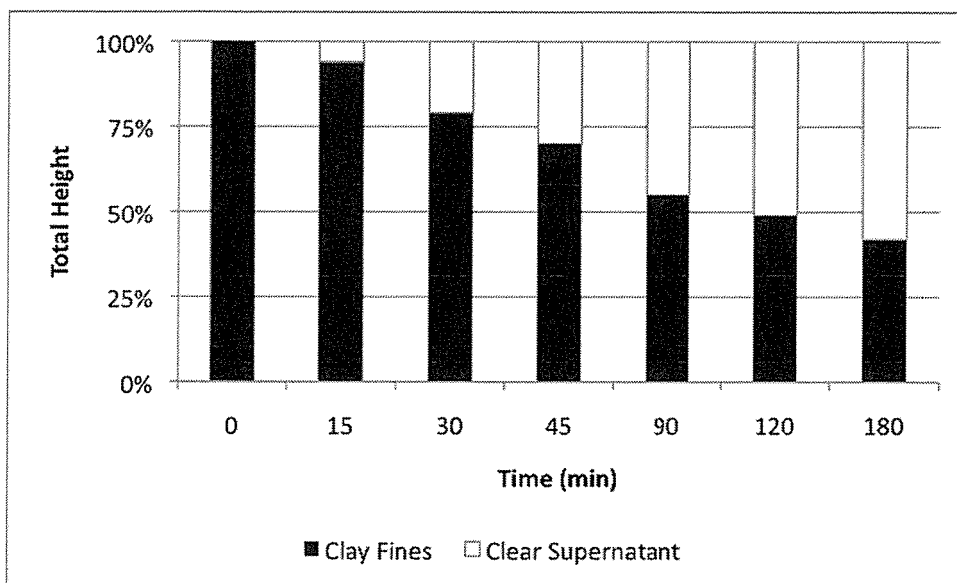


Figure 23A

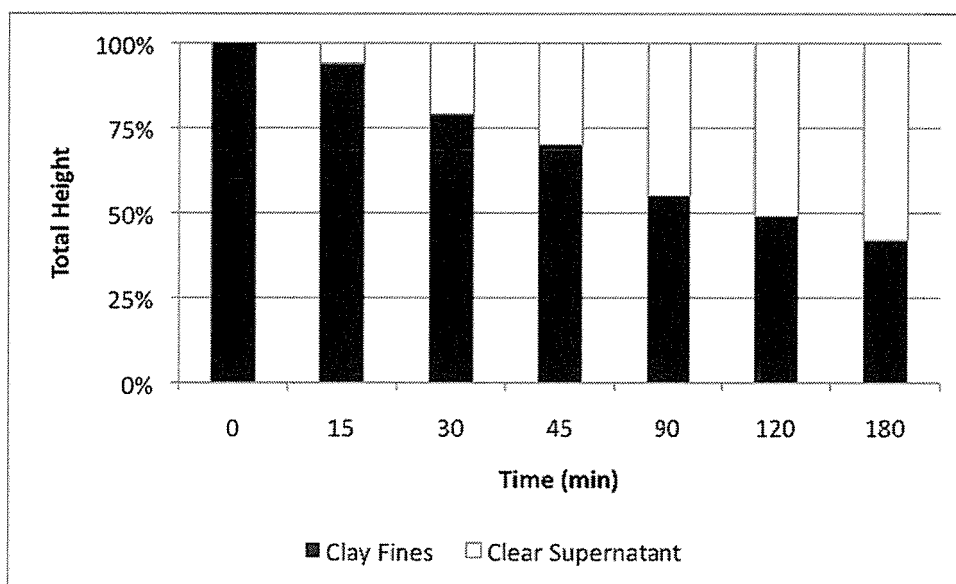
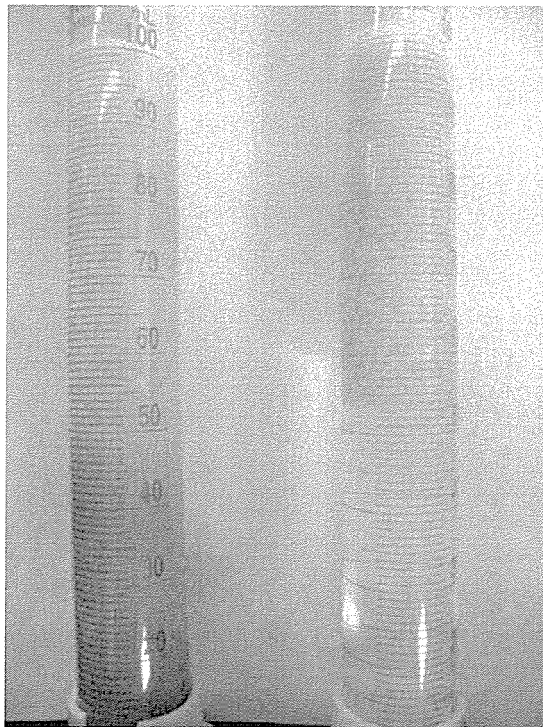
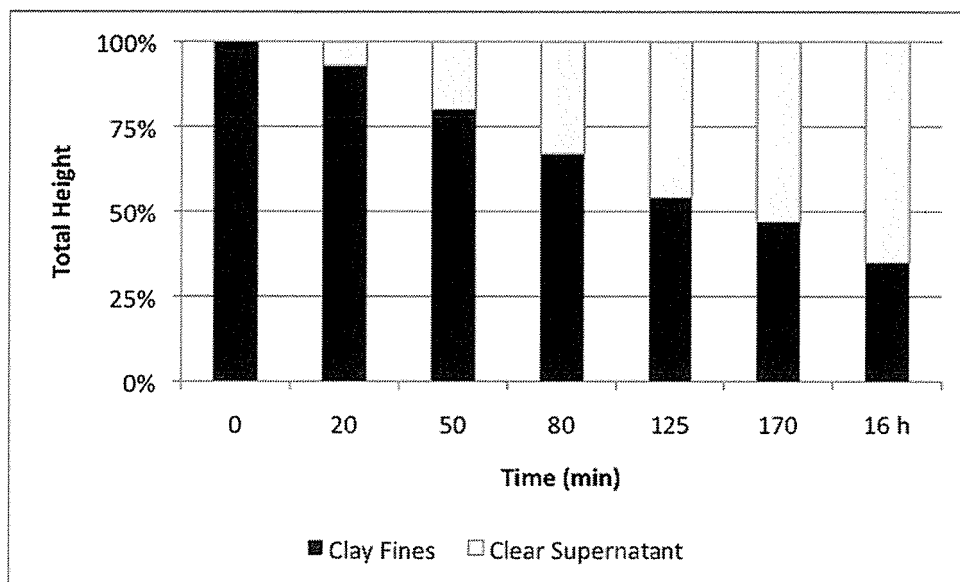


Figure 23B

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**Figure 24****Figure 25**

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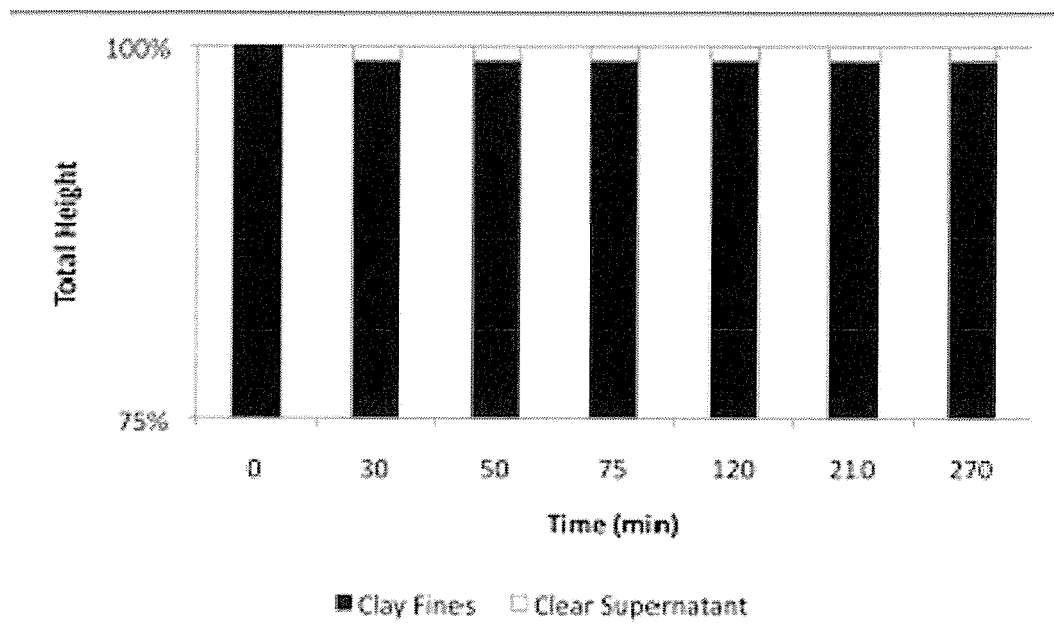


Figure 26A

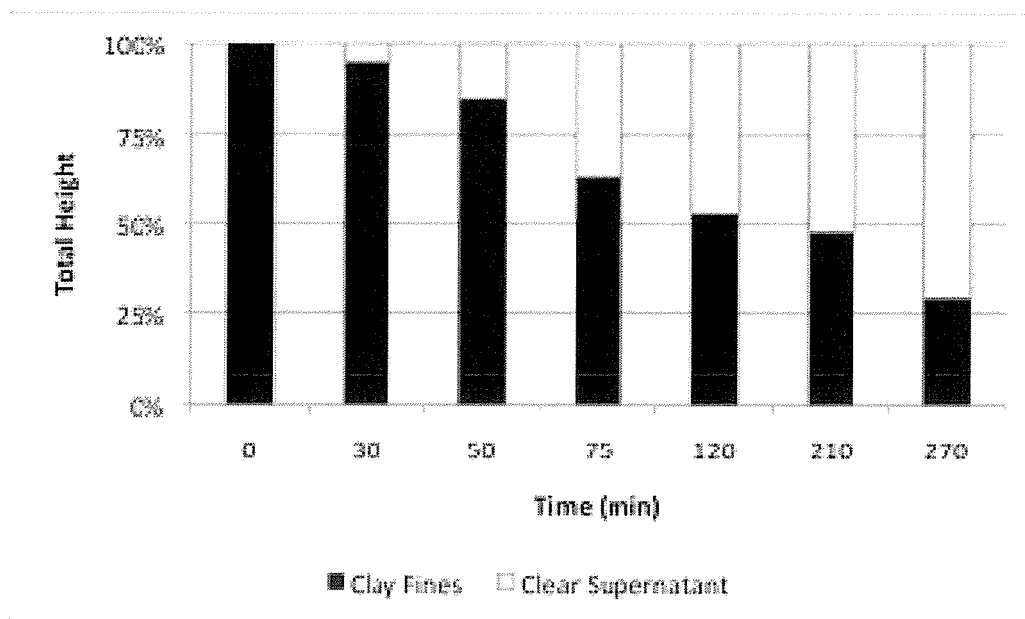


Figure 26B

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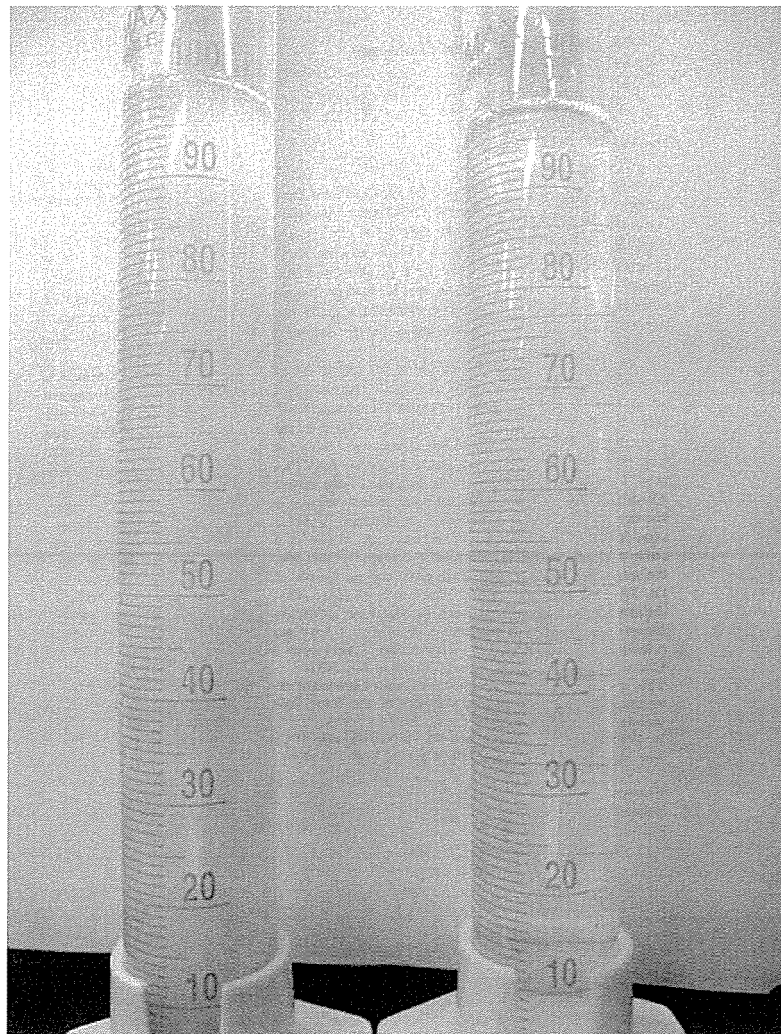
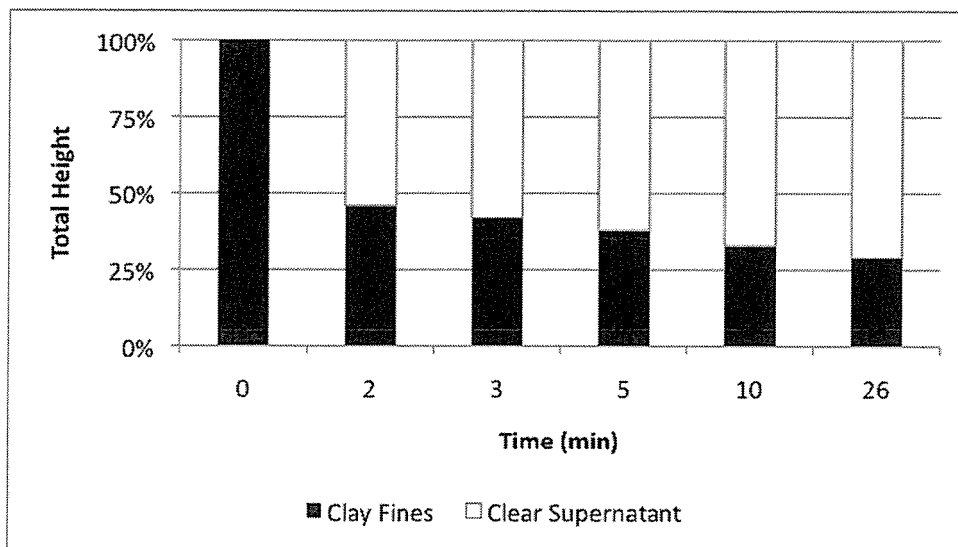
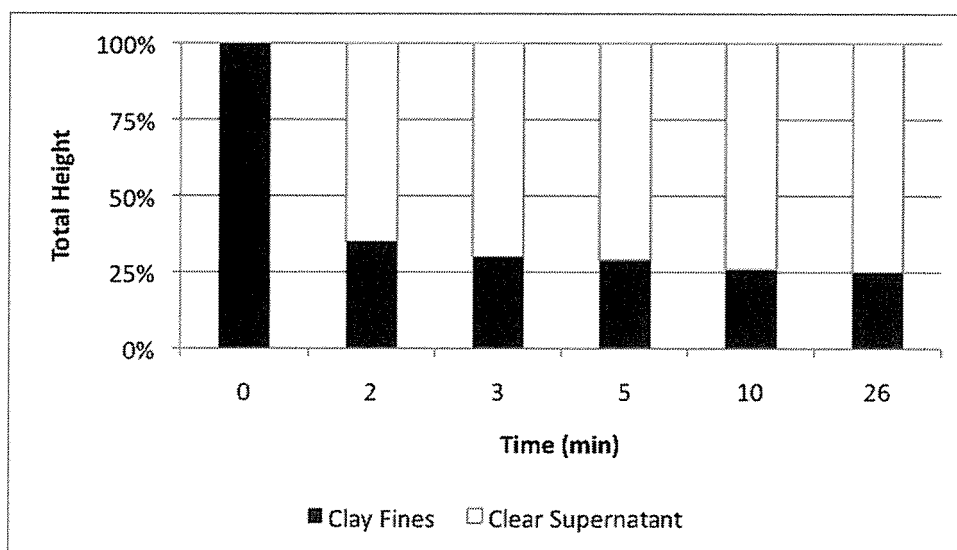


Figure 27

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**Figure 28A****Figure 28B**

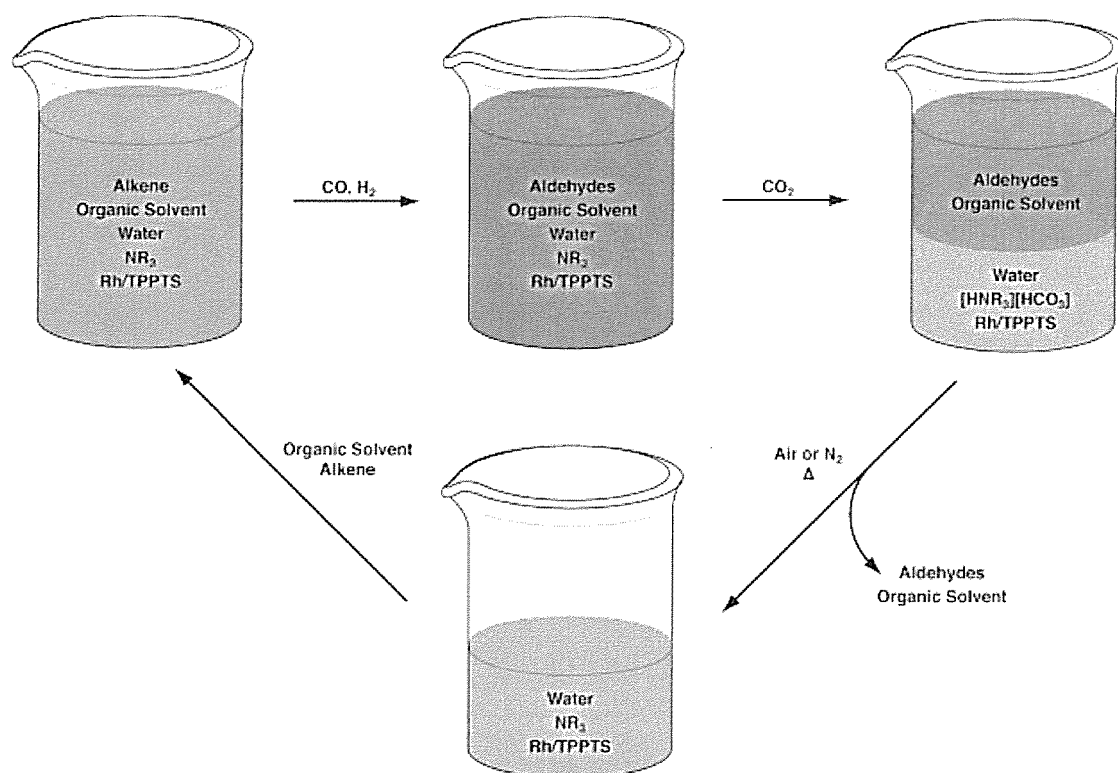


Figure 29

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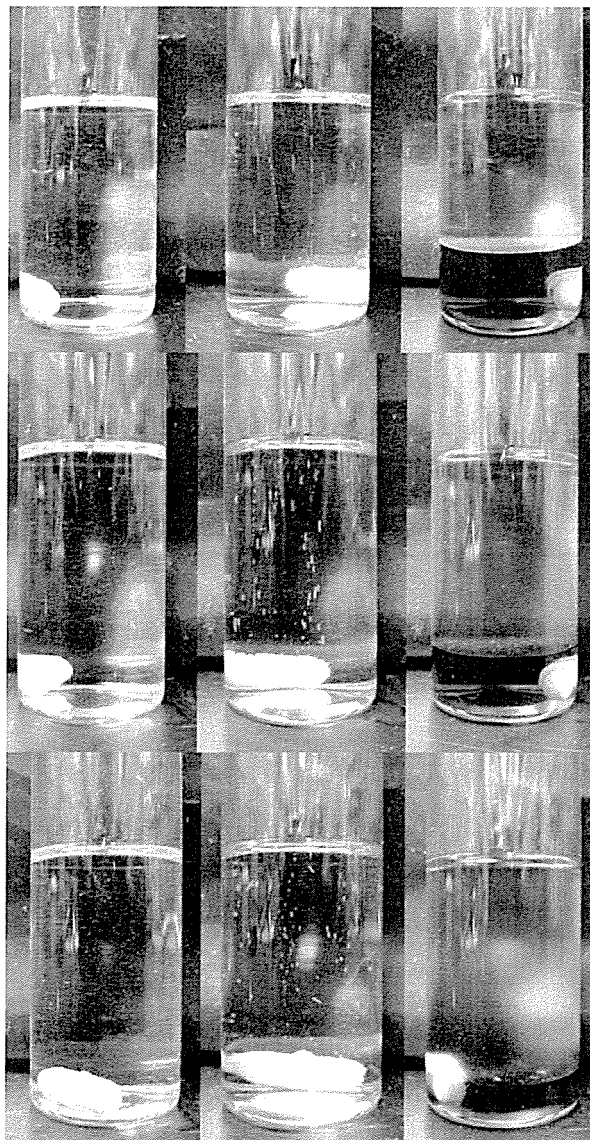


Figure 30

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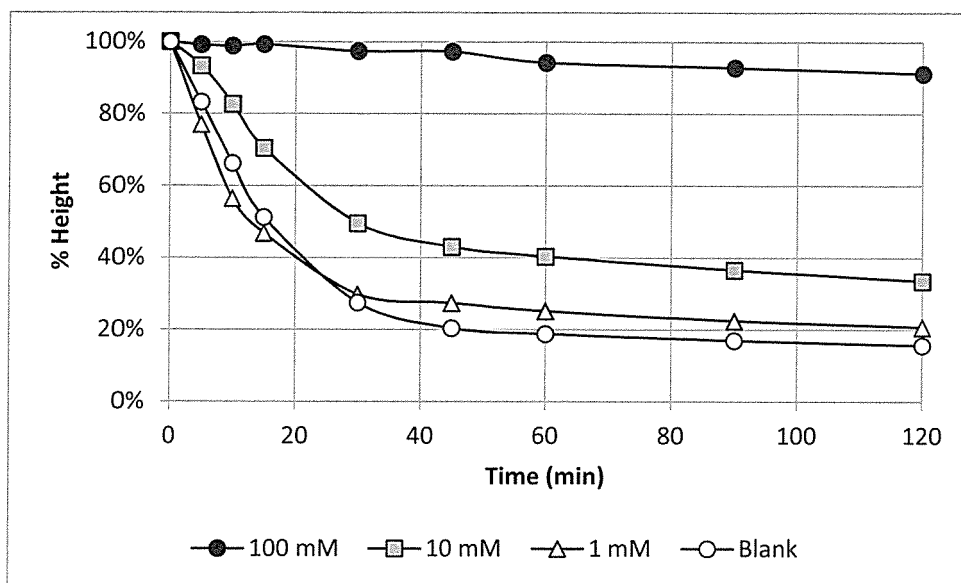


Figure 31

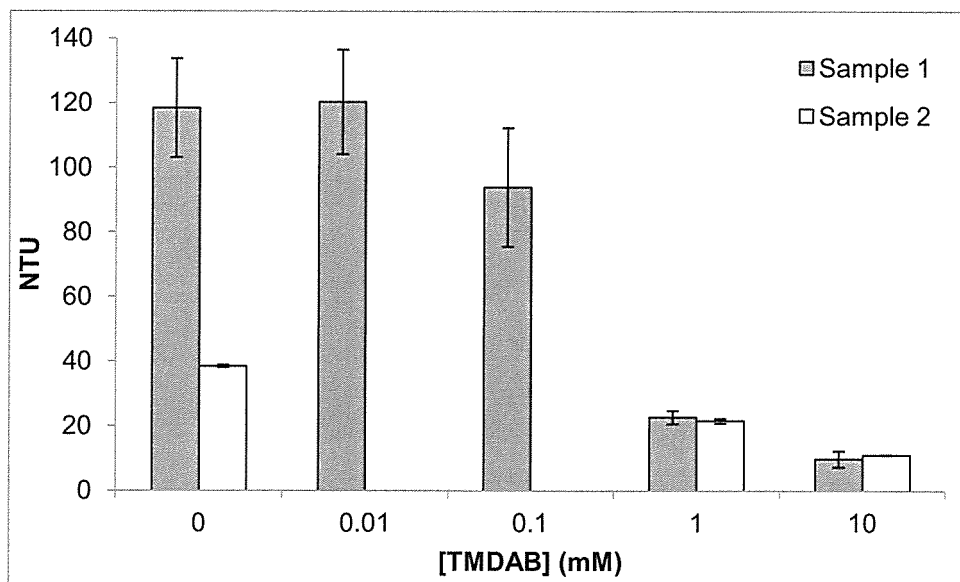
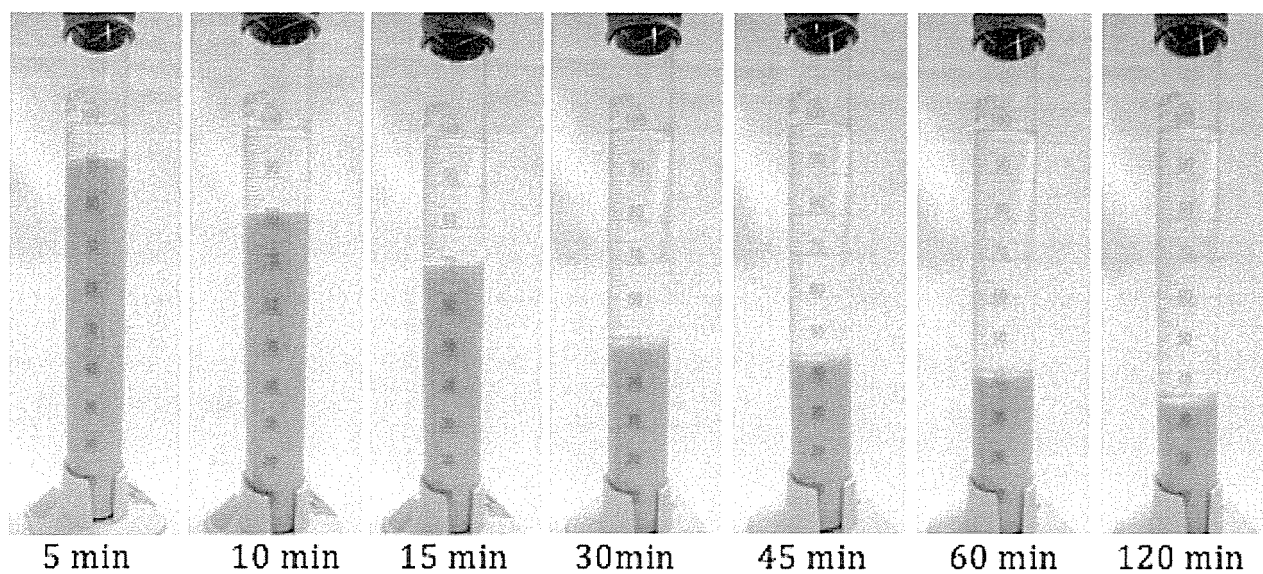
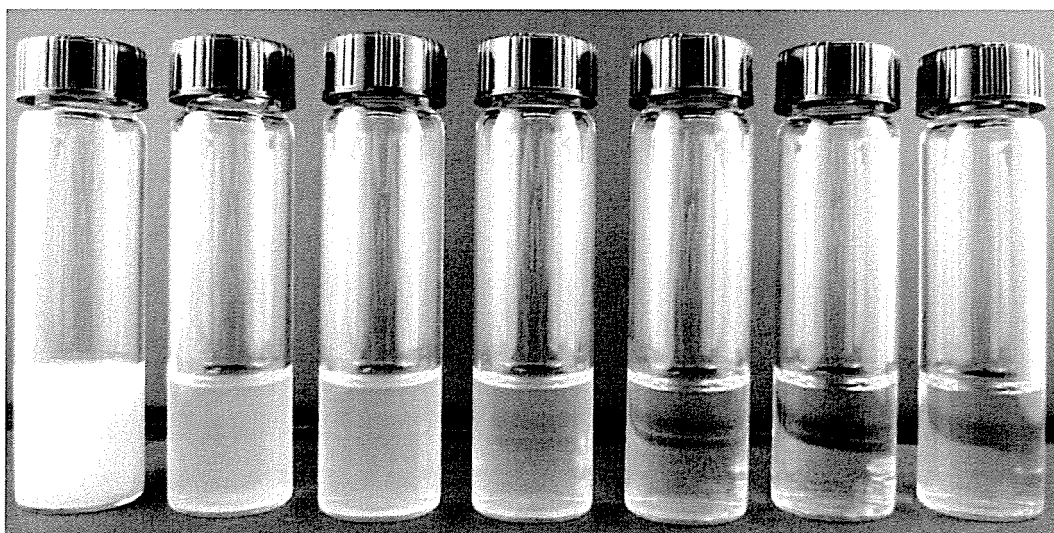


Figure 32

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**Figure 33****Figure 34**

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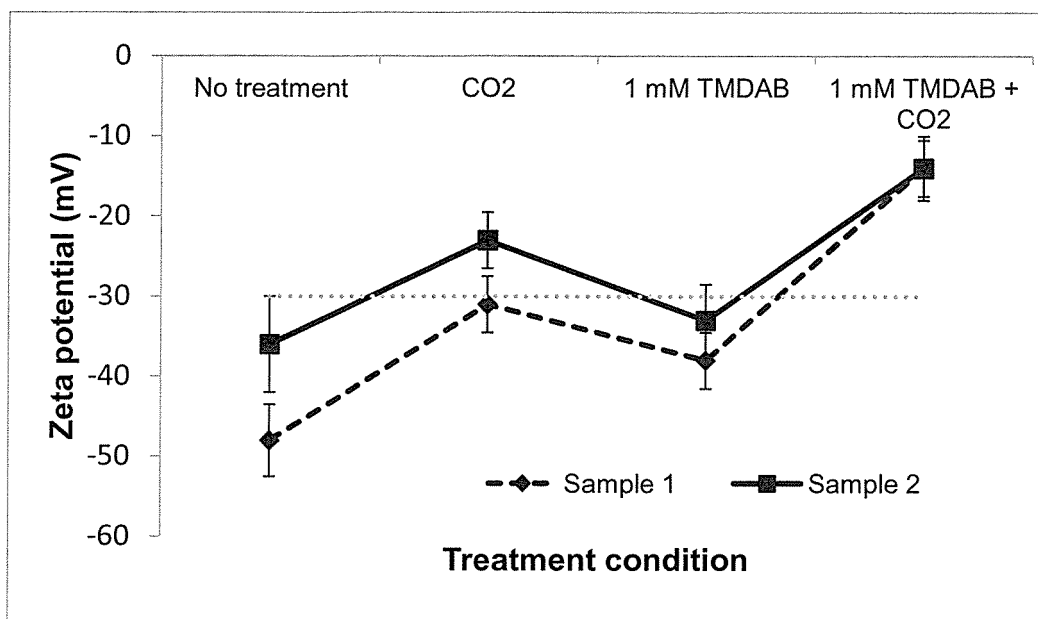


Figure 35

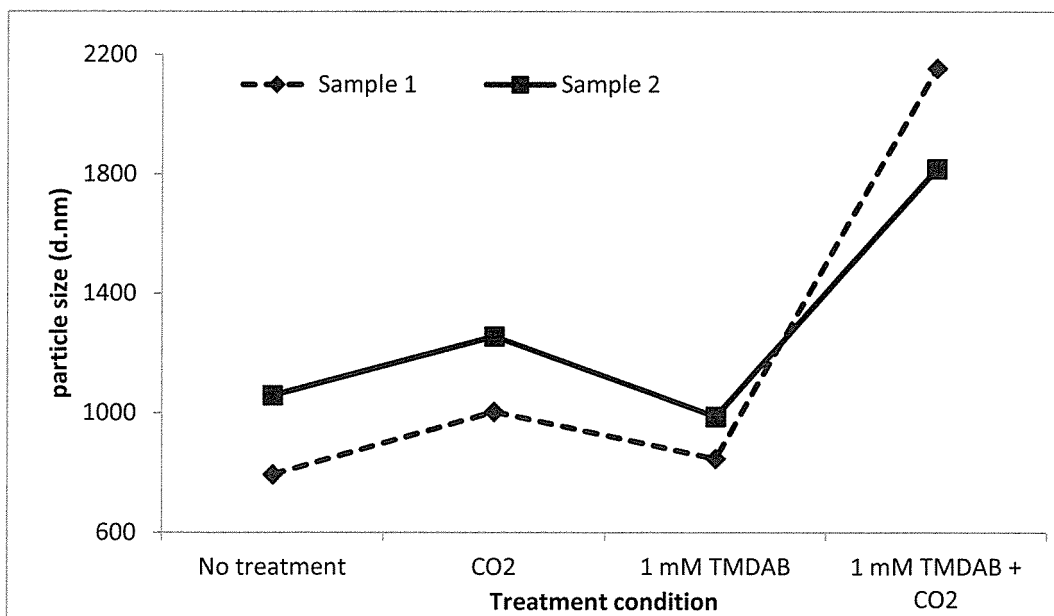
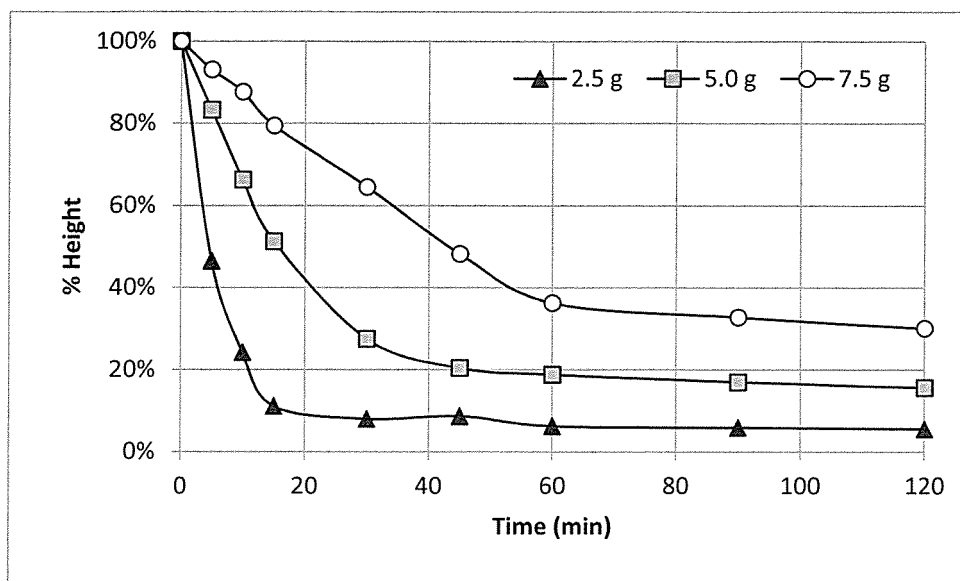
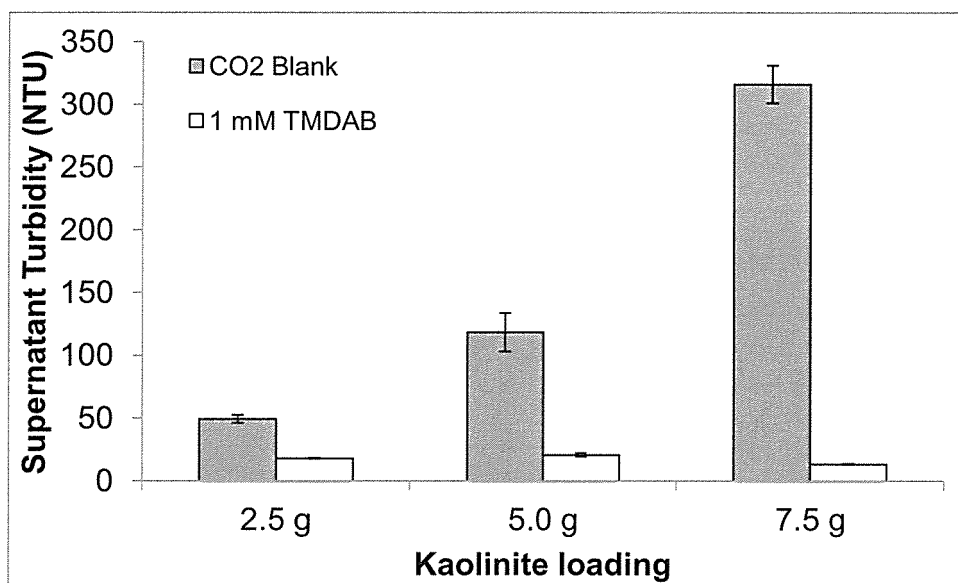


Figure 36

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**Figure 37****Figure 38**

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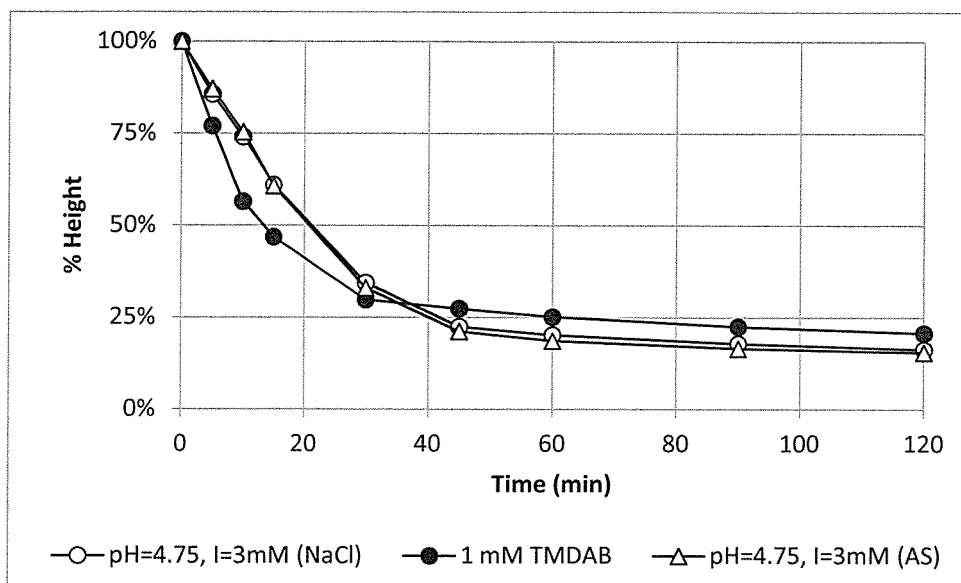


Figure 39

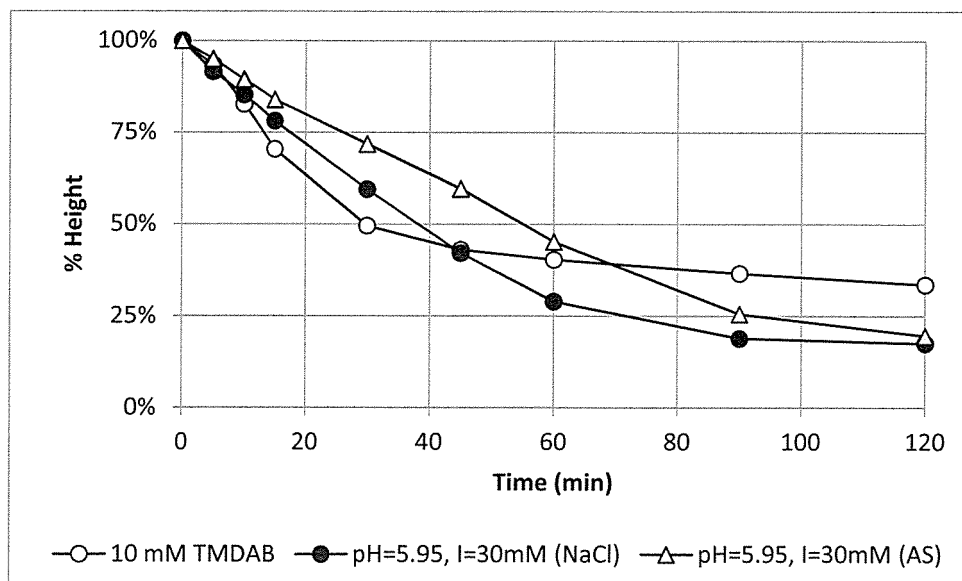


Figure 40

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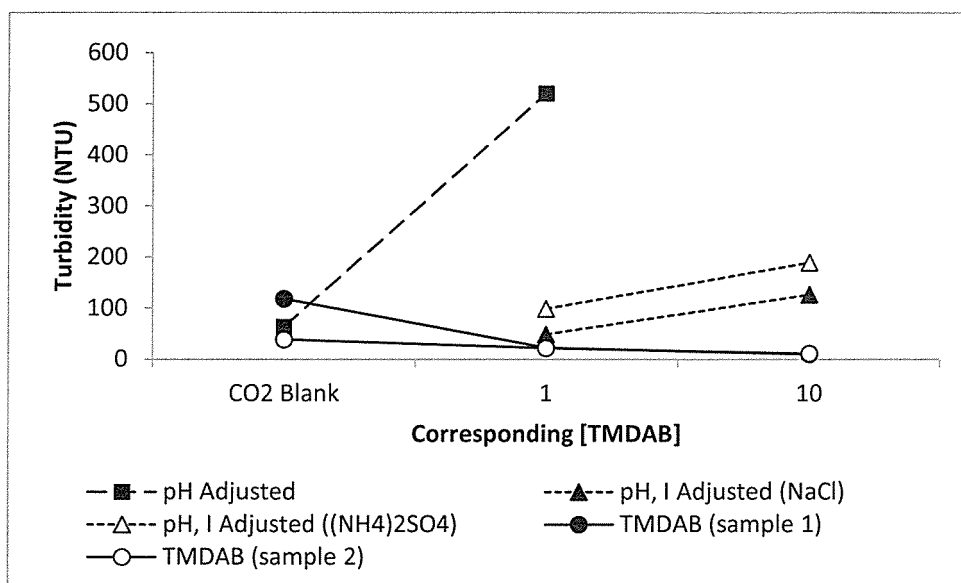


Figure 41

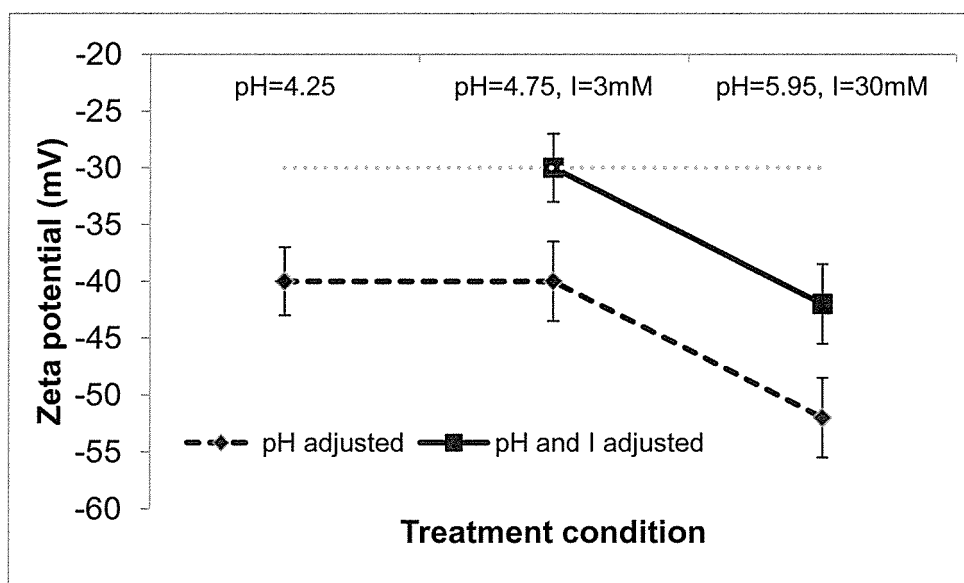


Figure 42

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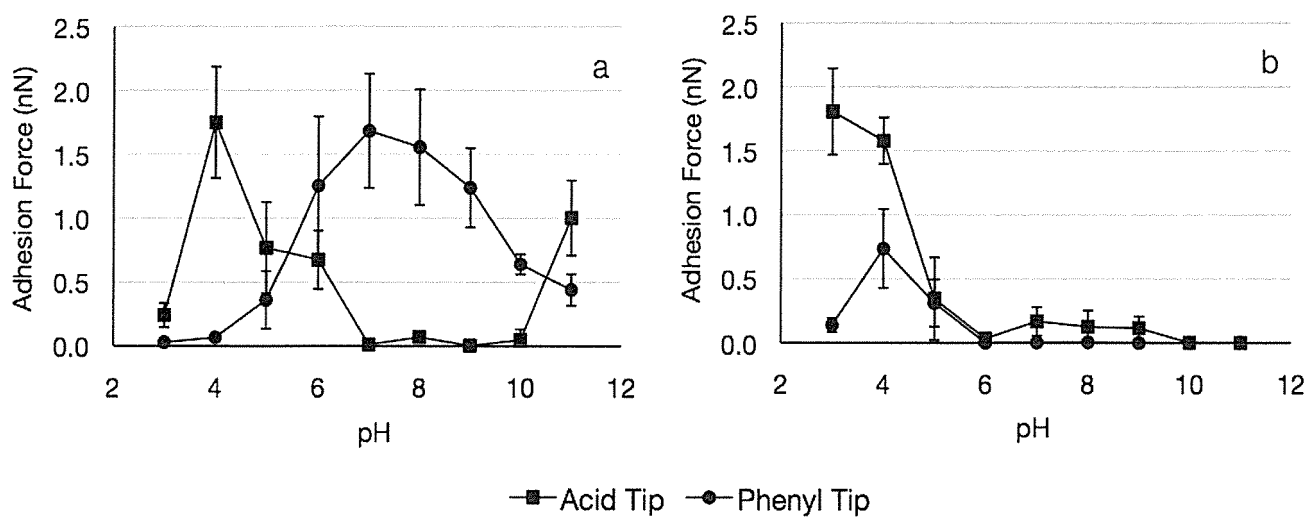


Figure 43

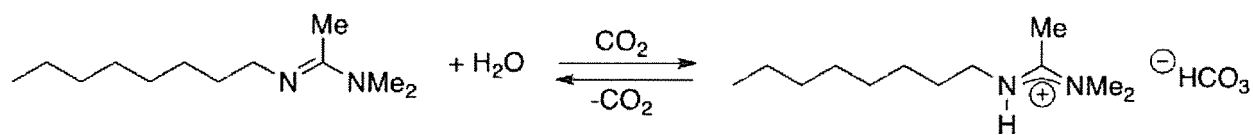


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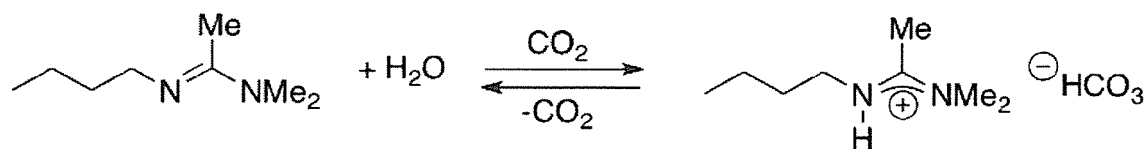


Figure 45