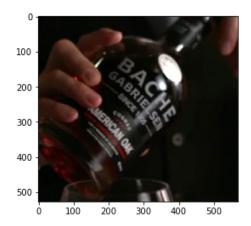
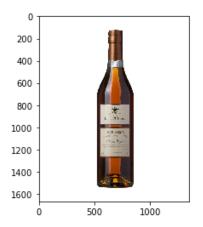
Running Image Retrieval Tests on Query Images

In [7]: #unable to find match, rotated image
image_retrieval(query_images[0], ref_desc=ref_desc)



Closest Match:
jean-fillioux-tres-vieux-[size].png



```
In [8]: #correct on 2nd highest match
image_retrieval(query_images[1], ref_desc=ref_desc, match_num=1)
```



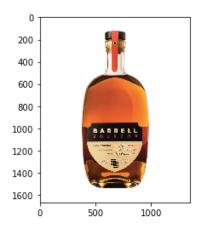
Closest Match:
bache-gabrielsen-american-oak-2.jpeg



In [9]: #correct on first match
image_retrieval(query_images[2], ref_desc=ref_desc)



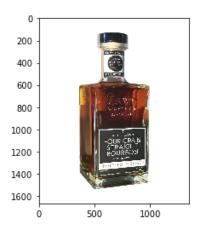
Closest Match:
Barrell Bourbon Batch 016-750ml.png



In [10]: #correct on first match
 image_retrieval(query_images[3], ref_desc=ref_desc)



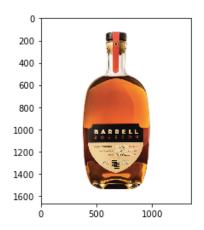
Closest Match:
Ad-Laws-bottled-in-bond.png



In [11]: #correct on first match
 image_retrieval(query_images[4], ref_desc=ref_desc)



Closest Match:
Barrell Bourbon Batch 016-750ml.png

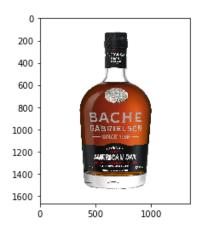


In [12]: #correct on first match image_retrieval(query_images[5], ref_desc=ref_desc)

Query Image:



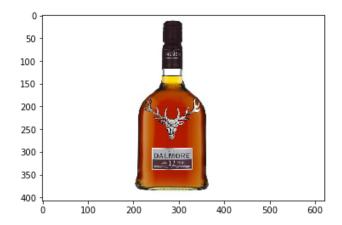
Closest Match:
bache-gabrielsen-american-oak-cognac-[size].png



In [13]: #correct on first match
 image_retrieval(query_images[6], ref_desc=ref_desc, match_num=0)



Closest Match:
dalmore-12-3.jpeg



In [14]: #correct on first match
 image_retrieval(query_images[7], ref_desc=ref_desc)



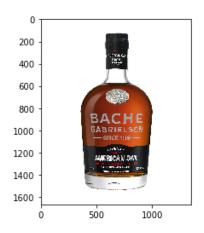
Closest Match:
Ad-Laws-bottled-in-bond.png



In [15]: #correct on first match
 image_retrieval(query_images[8], ref_desc=ref_desc)



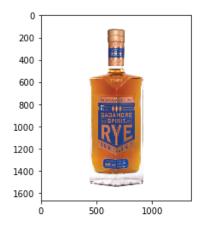
Closest Match:
bache-gabrielsen-american-oak-cognac-[size].png



In [16]: #blurry image, unable to find match
 image_retrieval(query_images[9], ref_desc=ref_desc)



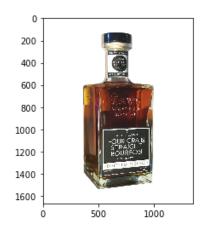
Closest Match:
sagamore-rye-double-oak-[size].png



```
In [17]: #correct on first match
   image_retrieval(query_images[10], ref_desc=ref_desc)
```

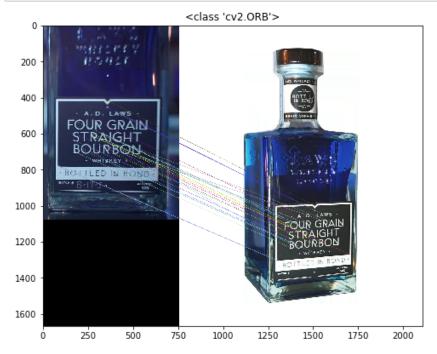


Closest Match:
Ad-Laws-bottled-in-bond.png

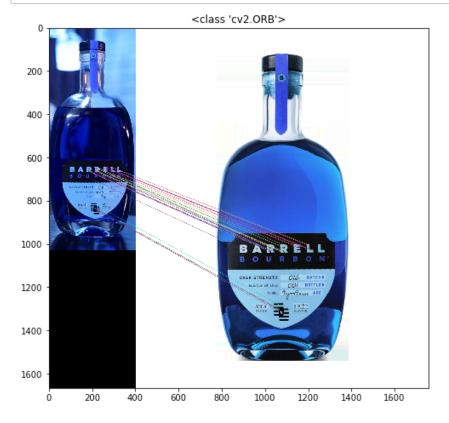


Drawing lines between top 30 matches on images

```
In [18]: image_1 = query_path + '/0.jpg'
image_2 = ref_path + '/Ad-Laws-bottled-in-bond.png'
draw_matches(image_1, image_2, 30)
```



```
In [19]: image_1 = query_path + '/10.jpg'
image_2 = ref_path + '/Barrell Bourbon Batch 016-750ml.png'
draw_matches(image_1, image_2, 30)
```



In []: