Ni-NTA Agarose Study, Part 1: Comparing Blue Color for Assessment of Ni-NTA concentration on Agarose

(ProteinPurify.com confidential study only for VIP customers)

The blue colors can be one of indicators of Ni-NTA concentration on Agarose. The higher concentration of Ni-NTA is, the deeper of the blue color is. (Please see note in end of this study to avoid error judgment in lab)

Major NTA Agarose manufacturers' products images, source: Google Ni NTA Agarose images

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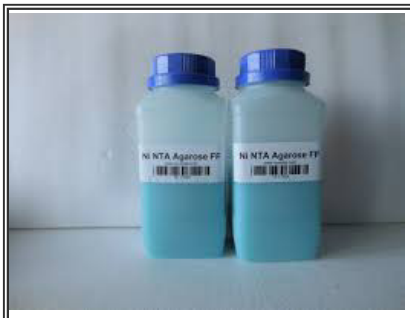
<td> 

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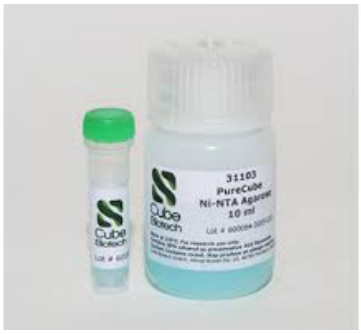
1b www.ProteinPurify.com 5ml of Ni NTA Agarose</td>
<td> 

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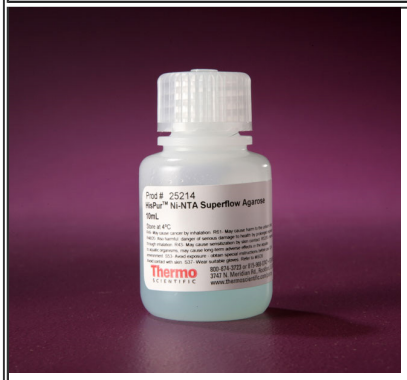
<td> 

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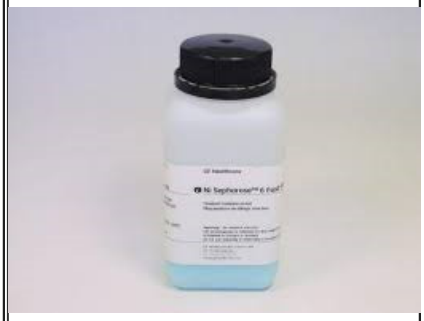
<td> 
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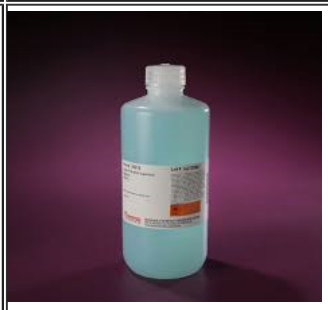
<td> 
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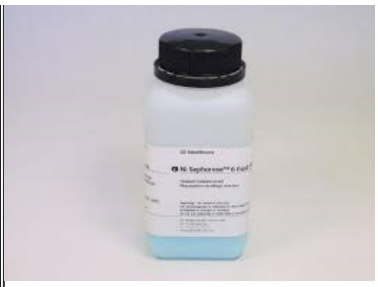
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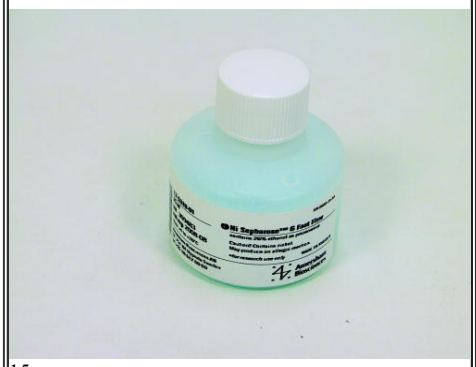
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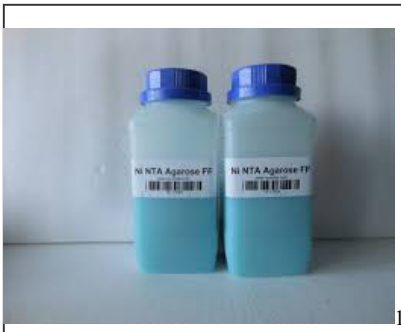
1b www.ProteinPurify.com 5ml of Ni NTA Agarose



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1 www.ProteinPurify.com 500ml of Ni NTA Agarose

Note: Ni may form deep color with nitrogen group in solution to create more blue color, in order to avoid blue color caused by NH, NH2, NH3, NH4, Imidazole etc in the solution, one should use EDTA solution to remove all Ni-complex from NTA Agarose first, and wash NTA Agarose with DI water thoroughly, then re-load Ni to NTA Agarose followed by ID water washing intensively, then compare blue colors