RE: Residual Solvents - Polyethylene Glycol 400, NF (Cat# PO110)

To Whom It May Concern:

Thank you for your interest in Spectrum high quality chemicals.

The above mentioned catalog item complies with the requirements of USP <467> Residual Solvents and ICH Q3C Residual Solvents Guideline. The following solvents are likely to be present:

<table>
<thead>
<tr>
<th>Residual Solvent</th>
<th>Class</th>
<th>Expected Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,4-Dioxane</td>
<td>2</td>
<td>&lt; 10.0 ppm</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>2</td>
<td>&lt; 0.25%</td>
</tr>
</tbody>
</table>

No Class 1, Class 3 or other solvents are used or produced in the manufacturing process of this material.

For lot-specific information, please refer to the respective Certificate of Analysis.

If you have any further questions, please contact us by telephone at 1(800)772-8786 Option 2, or by email at TechServices@spectrumchemical.com.

Sincerely,

Technical Services
Spectrum Chemical Mfg. Corp.

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