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## **PRODUCT SPECIFICATION**

### **bis (4-Methylumbelliferyl) phosphate (bis-MUP)**

<b>Product Code</b>	44099
<b>Appearance</b>	Slightly off-white to pale cream powder
<b>TLC</b>	Single spot
<b>Purity</b>	Free 4-methylumbelliferone <100ppm
<b>Solution test</b>	0.5% solution in water/methanol 1:1 w/w is clear, and colourless to faintly yellow

**Date** 30<sup>th</sup> April 2025

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