

Apollo Scientific Ltd  
Whitefield Road, Bredbury,  
Stockport, SK6 2QR, UK.  
Tel:44(0)161 406 0505 Fax:44(0)161 406 0506  
e-mail: sales@apolloscientific.co.uk



## **-CERTIFICATE OF ANALYSIS-**

Product: meta-Topolin  
Code No: BIT0841  
CAS No: 75737-38-1  
Formula: C<sub>12</sub> H<sub>11</sub> N<sub>5</sub> O  
Batch No: AS439561

### Physicochemical Specifications:

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULTS</b>
<b>Solubility</b>	Soluble in 1 N KOH @ 10mg/mL	Passes
<b>Physical Appearance</b>		
<b>Colour</b>	2024-70 to 2028-70, 2144-50 to 2150-50 RM-1 to RM-3, or RM-31	2025-70 Yellow
<b>Texture</b>	Fine powder, may form clumps	Fine powder
<b>Solution Appearance</b>		
<b>Clarity</b>	Clear	Clear
<b>Colour</b>	Colourless	Colourless
<b>Average time to dissolve</b>	Within 1 min	Passes
<b>Insolubles</b>	None to few	Few
<b>Purity</b>	Minimum 98.0%	99.0%

### Biological Testing: [Test Concentration 1 mg/L]

<b>TEST SPECIFICATION</b>	<b>PLANT CELL LINE</b>	<b>RESULTS</b>
<b>Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants</b>	African Violet	Passes
	Strawberry	Passes

Verified by: David Parton

Signed:

Date: 12<sup>th</sup> July 2013