



ASTEC

**ASTEC LIFESCIENCES LTD.**

**SPECIFICATION OF METALAXYL TECHNICAL**

<b>Parameters</b>	<b>Specifications</b>
Chemical name	Methyl <i>N</i> -(methoxyacetyl)- <i>N</i> -(2,6-xylyl)-DL-alaninate
Structural formula	 <chem>COC(=O)C(C)N(C1=CC=C(C)C=C1C)COC(=O)C</chem>
Molecular formula	C <sub>15</sub> H <sub>21</sub> NO <sub>4</sub>
Molecular weight	279.3
Appearance	White to off white crystalline powder, free from any extraneous matter.
Purity	98% Min.
Moisture	0.5% Max.
Acidity as H <sub>2</sub> SO <sub>4</sub>	0.3% Max.
Acetone insoluble	0.3% Max.