



ASTEC LIFESCIENCES LTD.

**SPECIFICATION OF LAMBDA CYHALOTHRIN TECHNICAL**

|   | Specification Numbers   | QCD/QP/FORM-FP/16 |
|---|---|-------------------|
| <b>Parameters</b>                         | <b>Specifications</b>   |                   |
| Chemical name                             | (R,S) – alpha – cyano - 3 -- phenoxybenzyl 3 -(2 – chloro – 3, 3, 3 trifluoropropenyl) – 2, 2 - dimethylcyclopropanecarboxylate |                   |
| Structural formula                        |   |                   |
| Molecular formula                         | C <sub>23</sub> H <sub>19</sub> ClF <sub>3</sub> NO <sub>3</sub>  |                   |
| Molecular weight                          | 449.9   |                   |
| Appearance                                | White to off white crystalline powder.  |                   |
| Active ingredient                         | 95% Min.  |                   |
| Moisture                                  | 0.3% Max.   |                   |
| Acidity as H <sub>2</sub> SO <sub>4</sub> | 0.3% Max.   |                   |
| Packing                                   | 200 kg HMHDPE drums.  |                   |

Formulations available: Lambda Cyhalothrin 2.5% EC & Lambda Cyhalothrin 5% EC