

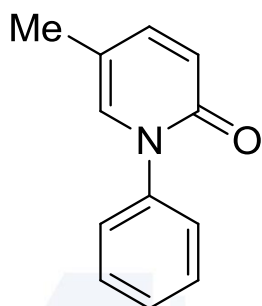


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>Pirfenidone</b>
<b>Synonym:</b>	Esbriet, Pirespa, Etuary
<b>CAS No:</b>	53179-13-8
<b>Prod. No:</b>	CT-PIRF
<b>Lot No:</b>	01
Batch Empirical Formula: Batch Empirical Wt.	C <sub>12</sub> H <sub>11</sub> NO 185.2
<b>Solubility:</b>	Soluble in DMSO (>100mg/mL), Water (3-4mg/mL)
<b>Storage:</b>	Store at 25 °C, desiccated

<b>Appearance</b>	Pale Yellow Crystals
<b>Quality Control</b>	MS: [✓] <sup>1</sup> HNMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] C <sub>12</sub> H <sub>11</sub> NO Calculated: C: 77.81%; H: 5.99%; N: 7.56% Found: C: 77.82%; H: 6.00%; N: 7.54%
<b>Chemical Purity</b>	>99.5% (HPLC at 214 and 254 nm)