

**PRODUCT: ARTEMISININ**

ITEMS	SPECIFICATION
<b>DESCRIPTION</b>	White crystalline powder
<b>SOLUBILITY</b>	Freely soluble in acetone, in ethyl acetate, in chloroform, in benzene or in glacial acetic acid; soluble in methanol, in ethanol, in diluted ethanol, in ether and in petroleum ether; practically insoluble in water
<b>IDENTIFICATION</b>	<ul style="list-style-type: none"> <li>a) Colour reaction</li> <li>b) Colour reaction</li> <li>c) TLC</li> <li>d) IR</li> </ul>
<b>MELTING POINT</b>	150°C ~ 153°C
<b>SPECIFIC ROTATION</b>	+75° ~ +78°
<b>RELATED SUBSTANCES</b>	Meet the requirements
<b>LOSS ON DRYING</b>	NMT 0.5%
<b>RESIDUE ON IGNITION</b>	NMT 0.1%
<b>LEAD</b>	NMT 2 ppm
<b>ARSENIC</b>	NMT 2 ppm
<b>HEAVY METALS</b>	NMT 20 ppm
<b>ASSAY (ON DRIED BASIS)</b>	Not less than 99.0% (C <sub>15</sub> H <sub>22</sub> O <sub>5</sub> )