

**PRODUCT: SULFAMETHOXAZOLE**

<b>ITEMS</b>	<b>SPECIFICATIONS</b>
<b>APPEARANCE</b>	White or almost white crystalline powder
<b>IDENTIFICATION</b> a) <b>IR</b> b) <b>UV</b> c) <b>Chemical test</b>	Corresponding to reference spectrum<197K> As per <197U> Red-orange precipitate is formed
<b>MELTING POINT</b>	168°C ~ 172°C <741>
<b>LOSS ON DRYING</b>	≤0.5% <731>
<b>RESIDUE ON IGNITION</b>	≤0.1% <281>
<b>RELATED SUBSTANCES</b>	<621>
<b>SULFANILAMIDE</b>	≤0.2%
<b>SULFANILIC ACID</b>	≤0.2%
<b>SELENIUM</b>	≤0.003% <291>
<b>ASSAY (on dried basis)</b>	99.0% ~ 101.0%