

## CERTIFICATE OF ANALYSIS

<b>PRODUCT:</b>	<b>Sulfamethoxazole</b> C <sub>10</sub> H <sub>11</sub> N <sub>3</sub> O <sub>3</sub> S, M.W. 253.3, CAS# [723-46-6]
<b>PRODUCT NUMBER:</b>	S-2891
<b>LOT NUMBER:</b>	H1044A
<b>APPEARANCE:</b>	Almost white crystalline powder.
<b>ASSAY DRIED SUBSTANCE:</b>	100.0%
<b>SOLUBILITY:</b>	0.1% aq soln.
<b>IDENTITY (IR):</b>	Conforms
<b>MELTING POINT:</b>	170.5 °C
<b>LOSS ON DRYING:</b>	0.2%
<b>RESIDUE ON IGNITION:</b>	0.06%
<b>SELENIUM:</b>	<0.003%
<b>RELATED SUBSTANCES:</b>	Sulfanilamide <0.2% Sulfanilic Acid <0.2%
<b>STORAGE &amp; HANDLING:</b>	Store desiccated at RT.

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: SK