

CERTIFICATE OF ANALYSIS

PRODUCT:	Sulfamethoxazole C ₁₀ H ₁₁ N ₃ O ₃ S, M.W. 253.3, CAS# [723-46-6]
PRODUCT NUMBER:	S-2891
LOT NUMBER:	J1043
APPEARANCE:	Almost white crystalline powder.
ASSAY (Titration):	100.6%
SOLUBILITY:	Practically insoluble in water, ether and chloroform. Freely soluble in acetone and in dilute solution of potassium and sodium hydroxide. Sparingly soluble in alcohol.
IDENTITY (IR):	Conforms
MELTING POINT:	169.3°C
LOSS ON DRYING:	0.2%
RESIDUE ON IGNITION:	0.04%
SELENIUM:	<0.003%
RELATED SUBSTANCES:	Sulfanilamide ≤0.2% Sulfanilic Acid ≤0.2%
STORAGE & HANDLING:	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: KLS