

PRODUCT IDENTITY

PRODUCT NAME	Sulfamethizole	PRODUCT NUMBER	S128341
Grades & Purity	≥98%	VERSION	3
CAS NUMBER	144-82-1	FORMULA	C ₉ H ₁₀ N ₄ O ₂ S ₂
FORMULA WEIGHT	270.33g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Melting point	208-211 (°C)
Purity(HPLC)	98-100 (%)
Purity(Neutralization titration)	98.5-101.5 (%)
Appearance (S128341)	White to Off-White Powder or Solid or Chunks
Solubility in Acetone	almost transparency
Proton NMR spectrum	Conforms to Structure
LC-MS for identification	Conforms