

PRODUCT IDENTITY

PRODUCT NAME	Thiamphenicol	PRODUCT NUMBER	T111416
Grades & Purity	Moligand™, analytical standard, ≥99%	VERSION	3
CAS NUMBER	15318-45-3	FORMULA	C ₁₂ H ₁₅ Cl ₂ NO ₅ S
FORMULA WEIGHT	356.22g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	10-13 (°)
Melting point	164-168 (°C)
Purity(HPLC)	98-100 (%)
Appearance (T111416)	White powder
Proton NMR spectrum	Conforms to Structure