

PRODUCT IDENTITY

PRODUCT NAME	penicillin G , Na	PRODUCT NUMBER	P105489
Grades & Purity	Moligand™, 1650 U/mg	VERSION	3
CAS NUMBER	69-57-8	FORMULA	C ₁₆ H ₁₇ N ₂ O ₄ SNa
FORMULA WEIGHT	356.37g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Specific Rotation [α] _{20/D} (c=2 in H ₂ O)	285-310 (°)
PH (10% Water)	5.5-7.5
2-Ethylhexanoic acid	0-0.5 (%)
Loss on drying	0-1 (%)
potency	≥1650(units/mg)
Infrared spectrum	Conforms to Structure
Related substances	Pass