

PRODUCT IDENTITY

PRODUCT NAME	D-pantethine	PRODUCT NUMBER	D616317
Grades & Purity	80% in H ₂ O	VERSION	3
CAS NUMBER	16816-67-4	FORMULA	C ₂₂ H ₄₂ N ₄ O ₈ S ₂
FORMULA WEIGHT	554.72g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(D616317)	Clear, colorless to pale yellow viscous liquid
Solvent(H ₂ O)	Conform
Infrared spectrum	Conforms to Structure
Water by Karl Fischer	18-22 (%)
Assay(on the dried substance)	98-102.5 (%)
Specific rotation [α] ₂₀ /D(1 g calculated on the anhydrous basis, water, 25 mL, 100 mm)	15-18(°)