

PRODUCT IDENTITY

PRODUCT NAME	4-Nitro-D-phenylalanine hydrate	PRODUCT NUMBER	N117090
Grades & Purity	≥98%	VERSION	3
CAS NUMBER	56613-61-7	FORMULA	C ₉ H ₁₀ N ₂ O ₄ ·H ₂ O
FORMULA WEIGHT	210.19g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Purity(HPLC)	98-100 (%)
Specific Rotation [α] _{20/D} (c=2 in 1 M HCl)	-8--5 (°)
Water by Karl Fischer	0-10 (%)
Purity(Nonaqueous Titration)(calcd.on dried substance)	97.5-102.5 (%)
Appearance (N117090)	white to light grey powder
Proton NMR spectrum	Conforms to Structure