

PRODUCT IDENTITY

PRODUCT NAME	β -Alanine- ¹³ C ₃ , ¹⁵ N	PRODUCT NUMBER	A474046
Grades & Purity	≥98 atom% ¹⁵ N, ≥99 atom% ¹³ C, ≥98%	VERSION	3
CAS NUMBER	285978-07-6	FORMULA	H ₂ ¹⁵ N ¹³ CH ₂ ¹³ CH ₂ ¹³ CO ₂ H
FORMULA WEIGHT	93.06g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(A474046)	White to Off-White Powder
Purity(HPLC area)	98-100 (%)
NMR Spectrum ¹ H	Conforms to Structure
Carbon NMR Spectrum	Conforms to structure
¹⁵ N Enrichment	98-100 (%)
¹³ C Enrichment	99-100 (%)
Water by Karl Fischer	< 0.5 (%)