

PRODUCT IDENTITY

PRODUCT NAME	α -Cyclopentylmandelic acid	PRODUCT NUMBER	C123162
Grades & Purity	$\geq 98\%$	VERSION	3
CAS NUMBER	427-49-6	FORMULA	C ₁₃ H ₁₆ O ₃
FORMULA WEIGHT	220.26g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Melting point	146-150 (°C)
Purity(HPLC)	98-100 (%)
Purity (Titration by NaOH)	97.5-102.5 (%)
Appearance (C123162)	White to tan to Light yellow powder to crystal
Infrared spectrum	Conforms to Structure
NMR Spectrum 1H	Conforms to Structure