

PRODUCT IDENTITY

PRODUCT NAME	(R)-(-)-2-Chloromandelic acid	PRODUCT NUMBER	C106552
Grades & Purity	≥98%	VERSION	3
CAS NUMBER	52950-18-2	FORMULA	C ₈ H ₇ ClO ₃
FORMULA WEIGHT	186.59g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Melting point	118-122 (°C)
Specific Rotation [α] ₂₀ /D(c=3 in H ₂ O)	-128--120 (°)
Purity(Neutralization titration)	97.5-102.5 (%)
Appearance (C106552)	White to Light Yellow Powder or Flakes
Infrared spectrum	Conforms to Structure
Solubility in hot H ₂ O , very faint turbidity	pass
Purity(HPLC)	98-100 (%)