

PRODUCT IDENTITY

PRODUCT NAME	(-)-Camphanic acid	PRODUCT NUMBER	C114000
Grades & Purity	≥99%	VERSION	3
CAS NUMBER	13429-83-9	FORMULA	C ₁₀ H ₁₄ O ₄
FORMULA WEIGHT	198.22g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Melting point	198-204 (°C)
Specific Rotation [α] ₂₀ /D(c=1 in Dioxane)	-21--17 (°)
Purity(GC)	99-100 (%)
Purity(Neutralization titration)	98.5-101.5 (%)
Enantiometric Excess	99-100 (%)
Appearance (C114000)	White to brown powder,crystals and/or chunks
Proton NMR spectrum	Conforms to structure