

PRODUCT IDENTITY

PRODUCT NAME	(1R)-(-)-10-Camphorsulfonyl chloride	PRODUCT NUMBER	C102453
Grades & Purity	≥97%	VERSION	3
CAS NUMBER	39262-22-1	FORMULA	C ₁₀ H ₁₅ ClO ₃ S
FORMULA WEIGHT	250.74g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Melting point	66-68 (°C)
Purity(Titration by AgNO ₃)	96.5-103.5 (%)
Specific Rotation [α] _{20/D} (c=1 in CHCL ₃)	-33--26 (°)
Appearance (C102453)	white to tan powder,crystals and/or chunks
Proton NMR spectrum	Conforms to Structure
Solubility in Toluene	almost transparency