

PRODUCT IDENTITY

PRODUCT NAME	5,6-Isopropylidene-L-ascorbic acid	PRODUCT NUMBER	I107892
Grades & Purity	≥97%	VERSION	3
CAS NUMBER	15042-01-0	FORMULA	C ₉ H ₁₂ O ₆
FORMULA WEIGHT	216.19g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Carbon by Elemental Analysis	48.7-51.3 (%)
Purity(HPLC)	98-100 (%)
Purity(Iodometric Titration)	97.5-102.5 (%)
Specific Rotation [α] ₂₀ /D(c=5 in MeOH)	8-12 (°)
Appearance (I107892)	White Powder, Crystals, Fibers, Flakes, or Solid
Proton NMR spectrum	Conforms to Structure
Solubility in MeOH	almost transparency