

PRODUCT IDENTITY

PRODUCT NAME	Acetonitrile(ACN)	PRODUCT NUMBER	A491190
Grades & Purity	Isochromatic grade, ≥99.9%	VERSION	3
CAS NUMBER	75-05-8	FORMULA	CH ₃ CN
FORMULA WEIGHT	41.05g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(A491190)	Clear Colorless Liquid
Purity(GC)	99.9-100 (%)
Evaporation Residue	≤ 4.0 (mg/L)
Water by Karl Fischer	≤ 0.05 (%)
Acidity	≤ 0.008 (eq/kg)
Alkalinity Content	≤ 0.0006(meq/g)
UV absorbance 190nm	≤1 (AU)
UV absorbance 200nm	≤0.05 (AU)
UV absorbance 210nm	≤0.04 (AU)
UV absorbance 220nm	≤0.02 (AU)

PARAMETER	SPECIFICATION / LIMIT
UV absorbance 230nm	≤ 0.01 (AU)
UV absorbance 254nm	≤ 0.005 (AU)
UV absorbance 400nm	≤ 0.005 (AU)