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## PRODUCT SPECIFICATION

Product Description	Acetonitrile HPLC Grade
Product Code	ACN010-2.5, ACN10-4.0
Synonyms	Methyl Cyanide, Cyanomethane, Ethanenitrile
Molecular Formula	$C_2H_3N$
Molecular Weight	41.05
CAS Number	75-05-8

TEST	UNIT	SPECIFICATION
Assay (by GC)	%	$\geq 99.9$
Water by Karl Fisher	%	$\leq 0.04$
Titration Acid	meq/g	$\leq 0.0001$
Titration Base	meq/g	$\leq 0.0002$
Permanganate Time		Pass
Solubility in Water		Pass
Residue after Evaporation	ppm	$\leq 1$
UV Absorbance		
	190	nm $\leq 1.000$
	195	nm $\leq 0.150$
	200	nm $\leq 0.100$
	205	nm $\leq 0.050$
	210	nm $\leq 0.050$
	220	nm $\leq 0.030$
	254	nm $\leq 0.010$

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