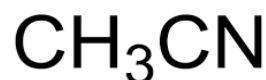


Product Specification

Product Name:

Acetonitrile *PurSol*v Hyper, Super Gradient grade for HPLC, ≥99.95%

Product No.: PSR37732
Brand: PureSynth
CAS No.: 75-05-8
Molecular Formula: CH₃CN
Molecular Weight: 41.05 g/mol



Test	Specification
Appearance	Clear Colorless Liquid
Assay (by GC)	≥ 99.95 %
Water (by KF)	NMT 0.01 %
Residue on Evaporation	NMT 0.0002 %
Refractive index at 20 °C	1.3435 - 1.3445
Free Acid (as Acetic acid)	NMT 0.0002 meq/g
Free Alkali (as NH ₃)	NMT 0.0002 meq/g
Peroxides (as H ₂ O ₂)	NMT 2 ppm
Gradient Elution Test	
HPLC Absorbance 210 nm	NMT 1.0 mAU
HPLC Absorbance 254 nm	NMT 0.5 mAU
UV Absorbance Test	
UV Absorbance 190 nm	NMT 0.5230
UV Absorbance 195 nm	NMT 0.0970
UV Absorbance 230 nm	NMT 0.0040
Fluorescence Test (as quinine)	
At 254 nm	NMT 0.5 ppb
At 365 nm	NMT 0.5 ppb

Specification: PSHY-1.0-QA/060

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com