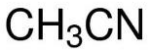
64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

PureSynth®
Research Chemicals

Product Specification

Product Name:
Acetonitrile Pur*Solv* Hyper, Gradient grade, for HPLC, ≥99.9%

Product No.:	PSR36298
Brand:	PureSynth
CAS No.:	75-05-8
Molecular Formula:	C_2H_3N
Molecular Weight:	41.05 g/mol



Test	Specification
Appearance	Clear Colorless liquid
Assay (by GC)	≥ 99.90 %
Water (by KF)	NMT 0.01 %
Residue on Evaporation	NMT 0.0005 %
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_20_2)	NMT 2 ppm
Gradient Elution Test	
HPLC Absorbance 210 nm	NMT 2 mAU
HPLC Absorbance 254 nm	NMT 0.1 mAU
UV Absorbance Test	
UV Absorbance 195 nm	NMT 0.1000
UV Absorbance 200 nm	NMT 0.0200
UV Absorbance 230 nm	NMT 0.0044
UV Absorbance 235 nm	NMT 0.0044
UV Absorbance 250 nm	NMT 0.0044
UV Absorbance 400 nm	NMT 0.0044
Fluorescence Test	
At 254 nm	NMT 1.0 ppb
At 365 nm	NMT 0.5 ppb
Baseline drift at 210 nm	NMT 15.0 mAU

Specification: PSHY-1.0-QA/002 Version No.:1.1, 20.06.2026

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.
For queries on this Specifications, please contact our technical team at technical@pure-synth.com