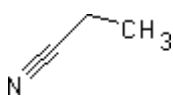
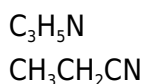


**PRODUCT CODE: 365732****Propionitrile for UV, HPLC**

M.= 55,08

CAS [107-12-0]

EINECS 203-464-4

TARIC 2926 90 70 90

**SYNONYMS:** 2-Methylacetonitrile, Ethyl Cyanide, Propanenitrile

**PHYSICAL DATA:** liquid, Clear, Colourless, Soluble in water 100 g/l at 20 °C Miscible with alcohol, ether and DMF  
• D 20/4 0,782 • M.P.: -92 °C • B.P.: 97 °C • n<sub>20/D</sub> : 1,366 • Flash P.: 9 °C • Ign. T.: 510 °C • Vap. press. (20 °C)  
52 hPa • Expl. limit 3,1 %(V) 14 %(V) •

**BIBLIOGRAPHY:** Merck Index **14**, 7.827 Sax **62300** • Kühn-Birett **P** 095 • Beilstein **2** , **245 I** , **109 II** , **225 III**  
**,547 IV** , **724** • BRN 773680 •

**HAZARDOUS:** RTECS: UF 9625000 • LD50 oral rat 39 mg/kg • LD50 rbt 210uL/kg •



H: H225 • H332 • H310 • H300 • H319 •

P: P210 • P233 • P240 • P241 • P242 • P501 • P243 • P261 • P264 • P270 • P271 • P280 • P301+P310 •  
P302+P350 • P303+P361+P353 • P304+P340 • P310 • P312 • P321 • P322 • P330 • P361 • P363 • P262 •  
P305+P351+P338 • P403+P235 • P405 • P337+P313 • P370+P378 •

**TRANSPORT REGULATIONS:** UN: 2404 • ADR: 3(6.1)/II • IMDG: 3(6.1)/II • IATA: 3(6.1)/II • PAX: F • CAO: 364  
• (D/E) •

**WEIGHT/VOLUME INFORMATION:** 1l~0,782 kg 1kg~1,278 l

**SPECIFICATIONS:**

Minimum assay (G.C.)	99,9%
Identity :	
Identity	IR passes test
Density at 20/4	0,781-0,783

**Maximum limit of impurities**

APHA colour	10
Non-volatile matter	0,0005 %
Water (H2O)	0,03 %
Fluorescence at 365 nm (as quinine)	2 ppb
UV Spectrum (1cm cell; Ref.: water):	
Transmittance at 235 nm	<sup>3</sup> 94 %
Transmittance at 250 nm	<sup>3</sup> 97 %
Transmittance at 290-400 nm	<sup>3</sup> 99 %

**For critical jobs, purge with nitrogen.**

**Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.**