

# *Chem-Impex International, Inc.*

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## *Product Specifications*

# CH<sub>3</sub>CN

<b>Catalogue Number</b>	00753
<b>Product</b>	<b>Acetonitrile, anhydrous, &lt;30ppm</b> Methyl cyanide
<b>CAS Number</b>	75-05-8
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>3</sub> N
<b>Molecular Weight</b>	41.05

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<b>Appearance</b>	Clear colorless liquid free of suspended matter
<b>Color (APHA)</b>	≤ 10
<b>Water Content (Karl Fisher)</b>	≤ 0.02%
<b>Titration Acid</b>	≤ 0.008 meq/g
<b>Titration</b>	≤ 0.0006 meq/g (Base)
<b>Purity by GC</b>	≥ 99.9%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Fluorescence at emission maximum for Impurities at 450 nm : ≤ 1 ppb LC gradient elution suitability at 254 nm : ≤ 1 mAU & at 210 nm : ≤ 5 mAU Residue after evaporation : ≤ 1 ppm Optical absorbance at 190 nm : ≤ 1 AU, 200 nm : ≤ 0.05 AU, 210 nm : ≤ 0.04 AU, 220 nm : ≤ 0.02 AU, 230 nm : 0.01 AU, 254 nm : 0.005 AU, 400 nm : < 0.005 AU

**For Laboratory Use Only**