

Specifications

Product	:	ACETONITRILE
Molecular formula	:	CH ₃ CN
Molecular weight	:	41.05
CAS No.	:	75-05-8
Product Code	:	04FC0011

TESTS	SPECIFICATIONS
Color and appearance	Clear Colorless liquid.
Odor	Slight but characteristic odor
Boiling point	81°C
Aqueous solubility	Miscible
pK_a	25
Assay	NLT 99.5%
Color (APHA)	NMT 10
Residue on Evaporation	NMT 0.005%
Water	NMT 0.3% (by Karl Fischer)
Titration Acid	NMT 8 µeq/gm
Titration base	NMT 0.6 µeq/gm
Ultraviolet spectroscopy (Wavelength nm)	Absorbance
254 nm	0.01
220 nm	0.05
190 nm	1.0
Liquid chromatography suitability	
Absorbance	To pass test
Gradient elution	To pass test
Extraction concentration suitability(Absorbance)	To pass test
GC-FID	To pass test
GC-ECD	To pass test

(NMT= Not more than, NLT=Not less than)



Indenta Chemicals (India) Pvt. Ltd.

Office: 117 The Summit Business Bay, Near WEH Metro Station, Opp. Cinemax Theatre, Off. Andheri Kurla Road, Andheri (E), Mumbai 400 093.
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Unit 1: Plot No. 1405, GIDC Sarigam, Dist. Valsad, Gujarat – 396155

Unit 2: Building No. 73, Gala No. 7, Indian Corporation Compound, Village Gundavli, Mankoli Naka, Bhiwandi, Thane - 421302



INFORMATION	PREPARED BY	APPROVED BY
Name	Mr. Suchit Mukherjee	Mr. Thomas Varghese
Designation	Q.C Executive	Director Technical
Date	Jan 2019	-
Revision	0	-
Review Date	-	-
Signature		

Disclaimer: The products sold hereunder and any other products sold by Indenta Chemicals (India) Pvt. Ltd. have been subjected to limited testing and it does not release the user from the responsibility of undertaking their own test.

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