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Product Specification

ACETONITRILE 99.9% FOR LC-MS

CAT. NO. : LC0005
GRADE : LC-MS
CAS NO. : 75-05-8
FORMULA : CH_3CN
M.W. : 41.05



Assay (GC)	NLT 99.9%
Wt. per ml at 20° C	0.782-0.783g
Boiling range	81-83° C
Refractive index n_{20D}	1.343-1.345

Maximum Limits of Impurities:

Water (by KF)	0.02%
Residue after evaporation	0.0001%
Acidity (CH_3COOH)	0.001%
Alkalinity	0.002%
Calcium (Ca)	Max 25 ppb
Iron (Fe)	Max 5 ppb
Potassium (K)	Max 25 ppb
Sodium (Na)	Max 50 ppb
Zinc (Zn)	Max 5 ppb
Gradient performance	Passes test
LC-MS suitability	Passes test
UV Transmittance at:	
(uv cut-off)	
195 nm	80.0%
200 nm	95.0%
230 nm	99.0%
From 240 nm - 400 nm	99.0%

DATE: 01.07.2025

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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