

CERTIFICATE OF ANALYSIS

Product Name	Acetonitrile Dry solvent		
Synonyms	ACN		
CAS No	75-05-8		
Product code	SY00098	Batch No	LACBF0528
Molecular Formula	CH ₃ CN	Molecular Weight	41.05
Mfg. Date	May-26	Expiry Date	Apr-29
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Appearance	Clear colourless liquid	Clear colourless liquid
Water K.F(W/W)	≤0.05%w/w	0.02 %w/w
Boiling Point	82 °C	82 °C
IR Spectrum	Identification by structure	Confirmed
Assay by GC	≥99.90%	99.98%
Non-Volatile Matter	NMT 0.0005%	0.0003%
Acidity (CH₃COOH)	NMT 0.001%	0.001%
UV TRANSMITTANCE		
UV cut-off - 190 nm	Min. Transmittance	
Wavelength@200 nm	NLT 93%	94.7%
Wavelength@225 nm	NLT 98%	98.7%
Wavelength@240 nm	NLT 99%	99.3%

Approved by
Dr. Gopinath PH. D

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