

5100000 Drugs and Pharmaceutical Products

Acetonitrile

Selling Unit : volume-liter

S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation/ Remark	M	F	G	Demand aggregati on
Requirements											
1	Chemical formula	CH	CH ₃ CN					√			
2	Molecular weight g/mol	N	41.05					√			
4	Purity (GC) Min %	N					N≥99.8	√	√		
5	Density (D 20°/4°)	N	0.782-0.783					√	√		
6	Free acid (as CH ₃ COOH) Max, %	N					N≤0.001	√	√		
7	Water (KF) Max, %	N					N≤0.05	√	√		
8	Non volatile Substance Max, %	N					N≤0.0005	√	√		
9	UV transmission at 200 nm min %	N					N≥90	√	√		
10	UV transmission at 210 nm min %	N					N≥95	√	√		
11	UV transmission at 225 nm min %	N					N≥98	√	√		
12	UV transmission at from 240 nm min %	N					N≥99	√	√		
Packing											
13	Packing material	CH	Glass	Plastic				√	√	√	
14	The material shall be supplied in sound and clean containers according to the marking and delivery instruction given by the purchaser	CH	YES					√			

15	All containers in which material is packed shall be dry and clean so that no impurities harmful to the end use of the material is introduced	CH	YES						√			
16	Necessary safeguards against the risk arising from the storage and handling of large volume of flammable liquids shall be provided	CH	YES						√			
18	Packing size (in liter)	N	0.5	1	2	5			√	√	√	
Marking												
19	Each container shall be marked legibly and idelibly with the following information (a) Name of the material (b) Manufacturer name (c) Net, gross and tare mass (d) Date of packing (e) Recognised trademark, if any	CH	YES						√			
Shelf Life												
20	Shelf Life (years)	N	1	2	3	4			√	√	√	
Test Report Details												
21	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No					√	√		
22	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes	NA					√	√		