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Registered Off. : 101-A, Deep Enclave, Pocket 'D', Ashok Vihar, Phase-III, Delhi-110 052 (India)  
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)  
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)  
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com  
Website : www.technopharmchem.com

### CERTIFICATE OF ANALYSIS

Name of the Sample : Acetic Acid AR  
Batch No. : 219204  
Date of Mfg. : Oct 2015  
Date of Exp. : Sep 2020  
Register No. : 2015-16  
Qty of Sample : 500ml  
Date of Analysis : Oct 2015

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A Clear colorless liquid
2.	Assay	99.92%	Min.99.8%
3.	Wt. per ml at 20°C	1.051gm	About 1.049 g
4.	Freezing point	Passes	Not below 16.2°C
5.	Colour	Passes	Max.10 Hazen units
6.	Water insoluble matter	Passes	Passes test
7.	Water	0.065%	Max.0.2%
8.	Non-volatile matter	0.0009%	Max.0.001%
9.	Chloride	0.0001%	Max.0.0001%
10.	Formate	0.0095%	Max.0.01%
11.	Sulphate	0.00006%	Max.0.0001%
12.	Substances reducing Permanganate (O)	Passes	Max.0.003%

Chief Chemist