



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name SOPHISTICATED INSTRUMENTATION CENTER FOR APPLIED RESEARCH AND TESTING (SICART), SARDAR PATEL CENTRE FOR SCIENCE AND TECHNOLOGY, VALLABH VIDYA NAGAR, ANAND, GUJARAT , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5124 Page No. : 1 / 2

Validity 19/12/2018 to 18/12/2020 Last Amended on 27/01/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
<b>Permanent Facility</b>					
1	CHEMICAL- DRUGS & PHARMACEUTICALS	Atorvastatin Ca	Molecular mass determination using mass spectrometer	SICART/SOTP/MASS/ATORVASTATIN CALCIUM/06 ISSUE DATE 01/04/2014 , ISSUE NO.02 : 2014	Qualitative(Mass Range 50-1000 (amu) )
2	CHEMICAL- DRUGS & PHARMACEUTICALS	Atorvastatin CaDiclofenac Na	Structure identification (Proton & Carbon determination)Using FT-NMR	SICART/SOTP/FT-NMR/ATORVASTATIN CALCIUM/02 ISSUE DATE 01/04/2014 , ISSUE NO.02, SICART/SOTP/FT-NMR/DICLOFENAC SODIUM/08 ISSUE DATE 01/04/2014 , ISSUE NO.02: 2014	Qualitative(Identification)
3	CHEMICAL- DRUGS & PHARMACEUTICALS	Chlorthalidone	Molecular mass determination using mass spectrometer	SICART/SOTP/MASS/CHLORTHALIDONE/05, ISSUE DATE 01/04/2014 , ISSUE NO.02 : 2014	Qualitative(Mass Range 50-700 (amu) )
4	CHEMICAL- DRUGS & PHARMACEUTICALS	Diclofenac Na	Molecular mass determination using Mass Spectrometer	SICART/SOTP/MASS/DICLOFENAC SODIUM/07 ISSUE DATE 01/04/2014 , ISSUE NO.02: 2014	Qualitative(Mass Range 50-600 (amu) )
5	CHEMICAL- DRUGS & PHARMACEUTICALS	Paracetamol	Molecular mass determination using Mass Spectrometer	SICART/SOTP/MASS/PARACETAMOL/04 issue no. 02, Issue date 01.04: 2014	Qualitative(Mass Range 50-300 (amu))



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6	CHEMICAL- DRUGS & PHARMACEUTICALS	ParacetamolChlorthalidone	Structure identification (Proton & Carbon determination)Using FT-NMR	SICART/SOTP/FT-NMR/PARACETAMOL/01 ISSUE DATE 01/04/2014 , ISSUE NO.02, SICART/SOTP/FT-NMR/CHLORTHALIDONE/03, ISSUE DATE 01/04/2014 , ISSUE NO.02: 2014	Qualitative(1H (0.0 - 13.0) Delta (ppm) 13C (0-200) Delta (ppm) )
7	CHEMICAL- WATER	Drinking Water (Potable Water)	Fluoride (mg/l)	SICART/SOTP/FLUORIDE/13 Issue dt: 09/05/2014 Issue no:02 Ref.: USEPA 8029: 2014	0.02 mg/l to 2.0 mg/l
8	CHEMICAL- WATER	Drinking Water (Potable Water)	Sulphate (mg/l)	SICART/SOTP/SULPHATE/10 Issue dt: 09/05/2014 Issue no:02 Ref.: USEPA 8051: 2014	2.0 mg/l to 70.0 mg/l