



Welcome to the world of RSD Laboratories LLP

- **Paint Testing**
- **High End Calibration**
- **Proficiency Testing**

A Center with Precise, Accurate, Honest and Good Laboratory Practices

About Us

'RSD labs' - A group committed to provide the quality services in the areas of paint testing, calibration of sophisticated instruments and proficiency testing – Looking forward to cater industries like: Paint manufacturers, Paint end users, Pharmaceutical and Chemical industries, Analytical laboratories, Hospitals, Pathological laboratories, Testing and Calibration laboratories.....

'RSD labs' - A group headed by qualified personnel engaged in the field of metallurgy, calibration, Industrial chemistry (paint testing) and food technology and supported by well established accredited laboratories and manufacturing houses...

Back up Strength

- **Team of Qualified Professionals, Engineers and Manufacturers**
- **Expertise in the Field**
- **Accredited Calibration and Food Testing Laboratories since years**

Promoter's Brief introduction

Dr. Brijesh Parikh, a doctorate in Industrial Chemistry - engaged in analytical testing since last 16 years with name of Rasayan Laboratories, Anand, - ISO 17025 (NABL) accredited since 2010.

Dr. Jigar Patel, a doctorate in Industrial Chemistry and having expertise in research and development of new products in polymers, surface coatings and adhesives since last 17 years and published numerous research articles in journals of national and international repute.

Mr. Bhavesh Bhupatani – Qualified Engineer, NABL assessor and advocate – engaged in Calibration and Training Services since last 10+ years with name of Sadbhav Calibration Services, Vadodara, ISO 17025 (NABL) accredited since 2006.

Mr. Keyur Doshi, M.Tech Food Technology from Australia engaged in manufacture of food products catering to various reputed organizations nationwide since last 5 years with strong managerial and financial skills

FEATURES

Assured Customer Satisfaction with honesty and transparency.

Dedicated team of professionals and Engineers to serve with expertise.

First of its kind in the Gujarat.

Attitude of Dedicated Services.

CONTACT DETAILS

RSD Laboratories LLP

" Doshi's "

Opp. Telephone exchange, Subhash Road, Anand - 388 001, Gujarat, India

Ph No : +919825274796

Email ID –rsdlabs@gmail.com

GPS coordinates: 22.559981, 72.962787

Scope of RSD Labs

Paint and Surface Coating - Paint Testing – Third Party Laboratory “UNIQUE OF ITS KIND”

Performance Evaluation	Product Characterization:	Solvent/Raw material testing
Impact, flexibility, corrosion resistance, scratch hardness, gloss, color shade matching, abrasion resistance, adhesion, weathering test, film thickness, drying, bleed resistance, chemical resistance (acid, alkali, acid fumes, gasoline, oil, soap solution and solvent) particle size distribution, residue on sieve, oil absorption, tinting strength, salt spray test, salt water immersion test, etc.	Viscosity(Brookfield, stormer & fordcup), fineness of dispersion, resin analysis, NVM, Lead content, pot life, Theoretical coverage, water content(Karl Fisher and Dean & stark), opacity, heat resistance, NCO content, Iodine value, hydroxyl value, acid value, amine value, saponification value, % phthalic content in alkyd and paint ,free formalin content, MTO tolerance, TiO2 content etc.	Purity of solvent by GC, impurity profile by GC-MS, pigment purity, oil absorption, loss on drying & ignition, moisture content, water content, etc.
		<u>Research activities and consultancy for Paints</u>
		We provide need based solutions for Paint, Surface Coatings and adhesives. Also We undertake various new product development research projects in the same field. We also cater analytical solutions for in house facilities of different industries like method validation and method development.

Calibration of Instruments- With state of the art infrastructure

Sophisticated analytical instrument calibration:	Analytical instruments calibration	Routine supporting calibration	
UV-Visible spectrophotometer (control of absorbance, control of wavelength and stray light), flame photometer, ELISA, GC (oven, gas flow, detector response), AAS (with copper and copper lamp, metal wise linearity)	pH meter (7.0, 4.0 & 9.0), conductivity meter, TDS meter, karl fischer titrator(volume of burette, factor for KF reagent), viscometers(brookefiled, stormer, fordcup, U-tube), bomb calorimeter (temperature and flow), FTIR, Turbidity meter, refractometer, polarimeter, potentiometer, colorimeter	MASS: Precision analytical balance, digital balance, single pan balance, weights	THERMAL: Temperature indicator with sensor, thermometers (liquid in glass, dial thermometer, digital thermometer), oven, furnace, water bath, oil bath
		VOLUME: pipette, burette, volumetric flask, measuring cylinders, beakers, conical flask, pyknometer, dean and stark, bubble manometer	

Proficiency Testing Services in different fields such as

Food and Agricultural products	Calibration
Animal feed Spices and Condiments Grains and grain products Bakery and bakery products Namkeen	Mechanical : Dimension / Mass / Volume / Density Thermal : Sensors / Indicators Electro technical parameters : V, I, R Parameters
Milk products Casein Tobacco Oil and oil products Oil seeds Salt and salt products	