

Dell Tech's ISO 17025 Accredited Laboratory supports industrial product development with quick turn around on Hazard Classification, Claim Support and Specialty Green Seal Testing.

Hazard Classification

Dell Tech performs physical and chemical testing for hazard classification of chemicals, mixtures and products for both the home and workplace as defined by OSHA, CPSC, DOT, WHMIS, CCCR, TDG, UN TDG and GHS. These tests are used to confirm the hazards & correct classification of your product rather than relying on the classification of the raw materials to generate your Safety Data Sheets and Labelling. Our large selection of Hazard Classification Tests includes:

GHS/UN TDG Ignition Distance Test

GHS/UN TDG Enclosed Space Ignition Test

GHS/UN TDG Foam Flammability Test

OECD 435/Corrositex® In Vitro Membrane Barrier Test Method of Skin Corrosion

GHS/UN TDG Test C.1 – Corrosion to metals

ASTM D56 & D93 Flash Point determination

UN TDG L.2 Sustained Combustibility Test

Acid & Alkali Reserve Tests

CCCR Schedule 1 Flame Projection/Flashback of Spray Containers

CCCR Container Leak Test

D891 Standard Test Method for Specific Gravity, Apparent, of Liquid Industrial Chemicals

D2196 Rheological Properties of Non-Newtonian Materials by Rotational (Brookfield type) Viscometer

E70 pH of Aqueous Solutions with the Glass Electrode

NACE TM0169/G31 Laboratory Immersion Corrosion Testing of Metals

Viscosity

Claims Support & Performance Testing

How well does your product work? How does it compare to other products (National Brand Equivalency/NBE)? Are you making specific marketing or performance claims? How do you prove and document that it does? Dell Tech provides testing and guidance to validate & document product performance and claims using ASTM & CSPA standards for common products and creative solutions for new disruptive technologies. Our large selection of Claim Support & Performance Tests includes:

ASTM D523 Standard Test Method for Specular Gloss

ASTM D4488 Testing Cleaning Performance of Products Intended for Use on Resilient Flooring & Washable Walls

ASTM D1133 Kauri-Butanol Value of Hydrocarbon Solvents

ASTM D1173 Test Method for Foaming Properties of Surface-Active Agents

ASTM D1792 Long Term Removability Properties of Emulsion Floor Polishes

ASTM D2024 Cloud Point of Nonionic Surfactants

ASTM D4265 Evaluating Stain Removal Performance in Home Laundering

ASTM D5343 Evaluating Performance of Ceramic Tile Cleaners

ASTM D2047 Static Coefficient of Friction of Polish Coated Floor Surfaces; James Machine

ASTM D3052 Standard Practice for Rating Water-Emulsion Floor Polishes

ASTM D3207 Standard Test Method for Detergent Resistance of Floor Polish Films

ASTM D3556 Deposition on Glassware During Mechanical Dishwashing

ASTM D3751 Standard Practice for Evaluation of Furniture Polish

ASTM D4009 Standard Guide for Foam Stability of Hand Dishwashing Detergents

ASTM D6189 Evaluating the Efficiency of Chemical Removers for Organic Coatings

CSPA DCC-05A Deposition on Glassware During Mechanical Dishwashing

CSPA DCC-09 Glass Cleaners

CSPA DCC-11 Home Laundering Pre-Wash Spotter Stain Removal

CSPA DCC-15 Measuring Degree of Surface Abrasion by Abrasive Cleaners

CSPA DCC-17 Greasy Soil Test Method

IKW Method Cleaning Performance of Dishwasher Detergents

CAN/CGSB 2 Soaps and Detergents

CAN/CGSB 25 Waxes and Polishes

Going Green?

Dell Tech provides performance testing to satisfy the requirements of standards for EPA Safer Choice, Green Seal, Ecologo (UL Environment), Nordic Swan and EU Ecolabel certification standards. We specialize in Dish and Dishwasher Detergents, Laundry Detergent, Household & Commercial Cleaners and Floor Care products. Our large selection of Green Product testing includes:

Green Seal Program

- GS-08 Cleaning Products for Household Use
- GS-34 Cleaning and Degreasing Agents
- GS-37 Cleaning Products for Industrial and Institutional Use
- GS-40 Floor Care Products for Industrial and Institutional Use
- GS-48 Laundry Care products for Household Use
- GS-51 Laundry Care Products for Industrial and Institutional Use
- GS-52 Specialty Cleaning Products for Household Use
- GS-53 Specialty Cleaning Products for Industrial and Institutional Use

Ecologo (UL Environment)

- UL 2792 Cleaning and Degreasing Compounds: Biologically-based
- UL 2759 Hard Surface Cleaners
- UL 2777 Hard Floor Care Products
- UL 2794 Disinfectants and Disinfectant Cleaners
- UL 2792 Cleaning & Degreasing Compounds Bio-based

EPA Safer Choice

- Glass cleaners
- General purpose cleaners
- Washroom cleaners
- Floor care products
- Laundry detergents
- Graffiti removers
- Marine cleaning products

For a complete selection of our laboratory tests please visit us at www.delltech.com

For 35 years Dell Tech has provided professional, confidential consulting services to the chemical specialty industry in Canada, USA, Europe and Asia.

We can assist your company with North American regulatory compliance including product registration, authoring of Safety Data Sheets (SDS), and laboratory performance testing.