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**St. Croix Sensory, Inc.**

*A sensory testing and training company.*

ST. CROIX SENSORY IS AN INDUSTRY-LEADING  
ODOR-TESTING LABORATORY, INTERNATIONALLY  
RECOGNIZED FOR EXPERTISE IN SENSORY  
TESTING AND TRAINING.



At St. Croix Sensory, we specialize in odor testing of air samples, commercial products and materials, providing complete odor evaluation services with quality results.

We provide professional, comprehensive service to a wide range of clients, from Fortune 500 companies to small businesses, large government agencies to international corporations. Our landmark service has earned international recognition in the odor measurement field.



Using Internationally accepted standards we offer the following services:

- *Environmental odor evaluations*
- *Product and material odor evaluations*
- *Taste evaluations*
- *Consumer sensory studies*
- *Sensory panelist training*
- *Assessor and field inspector training*
- *Community involvement programs*
- *Sampling and measurement equipment and supplies*
- *Odor laboratory set-up and auditing*



## Product & Material Testing

Product and Material Evaluations are performed for a variety of reasons, from research and development to customer acceptance. As a result, our expertise in product and material sensory testing spans the industries, ranging from coatings, fine chemicals and building materials to medical, home care and personal care products.

We work closely with your company to develop practical, effective approaches to obtaining the data your company needs.

Example testing objectives for quantification of odor parameters include:

- *Assisting in new product/material development or existing product/material improvement*
- *Comparison of product/material formulations or operating parameters*
- *Third-party documentation or verification of product/material performance*
- *Claim substantiation with either controlled laboratory testing or consumer testing*
- *Building material odor acceptability studies*
- *Consumer market research*





## *Environmental Odor Evaluation*

We provide complete environmental odor evaluation services. These services offer facilities, engineering firms, municipalities and communities the data necessary to understand the characteristics of odor sources in order to mitigate nuisance odors and maintain acceptable air quality.

We evaluate odorous air samples from a variety of industrial, agricultural and municipal operations, including wastewater treatment, landfills, composting and manufacturing. All of our services comply with internationally accepted standard methods and practices.

Objective odor measurement parameters include detection and recognition threshold testing, following ASTM E679 and EN13725, intensity and persistency (intensity at multiple dilutions) quantification and odor character profiling.

Our staff will work closely with you to provide the supplies and equipment that are needed for your project. These items can be shipped directly to your project site to reduce your logistical concerns.



## *Sensory Testing Expertise. Expanding the Science.*

St. Croix Sensory has a solid reputation for providing complete odor evaluation services. Sensory testing has become essential to maintaining air quality in communities and assuring the acceptance of our surroundings.

Our expertise in the testing field has led us to expand and include "ODOR SCHOOL"™ Training Programs and innovative new products designed to improve the field of olfactometry.

## *Odor School® Training*

Our internationally known "ODOR SCHOOL"™ program prepares inspectors to conduct field evaluation of ambient odors. Qualified odor inspectors are trained in the basic principles and procedures of odor investigation and attain the practical knowledge to assist in understanding community air quality.



## Products

Consistent with our leadership in the odor testing industry, our state-of-the-art products set the standard in odor sampling, testing, and measurement with innovative and easy to use designs.

The Nasal Ranger® Field Olfactometer is the first calibrated portable olfactometer. This portable alternative to traditional odor measuring devices allows users to accurately measure odors in the ambient air. The Nasal Ranger® can be used at the facility's fenceline and in the community to perform proactive monitoring of facility odors, to respond to community complaints, to verify odor emission modeling and to confirm facility performance. Virtually limitless applications include agriculture, wastewater treatment, biosolids processing and land application, pulp & paper mills, landfills, composting facilities and more.

The AC'SCENT® Olfactometer is a laboratory olfactometer used to measure odor detection and recognition thresholds according to ASTM International and CEN methods. Current installations include universities, research institutions, engineering firms and sanitation districts worldwide.

Custom Designs – We will custom design a unique olfactometer to your exacting specifications for an environmental or medical application.



# Mission Statement

ST. CROIX SENSORY IS A  
LABORATORY DEDICATED  
TO PRACTICING  
STATE-OF-THE-ART  
SENSORY EVALUATION  
AND TO ADVANCING THE  
SCIENCE OF SENSORY  
PERCEPTION.

WE ARE A FAMILY OWNED  
AND OPERATED BUSINESS  
PROVIDING OUR CLIENTS  
WITH PERSONAL  
CUSTOMER SERVICE,  
FLEXIBLE SCHEDULING,  
AND TIMELY RESULTS.

OUR FOCUS IS TO PROVIDE  
THE BEST PROFESSIONAL  
SERVICES AVAILABLE TO  
MAKE YOUR PROJECT OR  
PRODUCT A SUCCESS.



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*St. Croix Sensory is located about 20 minutes east of St. Paul, Minnesota in the St. Croix River Valley community of Lake Elmo, Minnesota.*