



## About Laboratory Module

eWorkplace Apps' Laboratory module lets the manufacturers of food, nutraceuticals, paint and chemicals, cosmetics, personal care, and related process industries define a new formula to meet the target properties of the product and manipulate the physical properties to create a new product that is cost effective as well. The Laboratory module provides interactive property analysis for the product you manufacture, helping to meet target physical property values for the product or materials used in the formula.



## Key Features

- Develop new formulas and adjust materials in existing formulas to meet the material's nutritional properties
- Manage physical and chemical properties of materials with property codes
- Group properties of similar characteristics
- Adjust quantities of raw materials to meet the target value of properties
- Perform What-If Analysis with physical property analysis
- Control physical properties and derived properties
- Create or modify physical property equations to calculate physical properties for specific business purposes
- Generate and obtain reports necessary to share with management or the R&D department

## Benefits and Values

- Precise product formulation with control over the physical and chemical properties of materials, allowing for the development of tailored formulas to meet specific target property values
- Maximize cost-effectiveness by adjusting material quantities to meet desired target properties in the formula, eliminating human error calculations
- What-If experimentation on physical properties, empowering informed decision-making in formulation strategies for various products
- The ability to develop new formulas and adjust existing ones quickly facilitates innovation, enabling the creation of novel products in various industries
- Enable manufacturers to perform research on products, facilitating the adjustment of material quantities to meet the target value of the physical property on a single screen displaying details parallel to each other
- A feasible solution to help manufacturers meet and satisfy the changing market demands by developing formulas based on the specific market trend
- Monitor the exceeding critical values of the physical/chemical properties and adjust the formula materials accordingly

## Ideal Customer

- Process manufacturers
- Manufacturing industries like Food and Beverages, Paint and Chemicals, Cosmetics and Personal Care, Nutraceuticals, and Life Science
- Desires to develop or re-formulate formula/recipe meeting the target nutritional values
- Need to control the physical and chemical properties of the ingredients to meet the target values of the properties

## Differentiators

- The Laboratory Module streamlines with Process Manufacturing Suite for Acumatica
- Natively built within Acumatica
- Fully integrated into critical ERP functions
- Highly customizable

## Qualifying Questions

- Are you using the Acumatica ERP solution?
- Are you using the integrated Process Manufacturing Suite for Acumatica ERP?
- Do you track and analyze the physical/chemical properties of the materials and formula?
- Do you need to manage the physical properties of the stock item?
- Do you require to meet target physical/chemical property values while developing a formula?
- Do you need to adjust ingredients in the formula to meet specific target nutritional values?
- Are you required to develop a formula for research and experimentation based on the targeted property values to be met as per the standards?

