

Enzyme Assays	Unit Description	Test Code
* α-Galactosidase GalU	Hydrolysis of p-nitrophenyl-α-D-galactopyranoside (UV-VIS)	B0009
* α-Amylase DU	Hydrolysis of Lintner-soluble starch (Orbeco Hellige comparator)	B0011
α-Amylase BAU	Hydrolysis of Lintner-soluble starch (Orbeco Hellige comparator)	B0013
β-Glucanase BGU	Hydrolysis of Lichenin (UV-VIS spectroscopy)	B0015
Bromelain (PU activity)	Hydrolysis of casein @ pH 6.0 (UV-VIS spectroscopy)	B0053
Catalase CatU	Hydrolysis of hydrogen peroxide (UV-VIS spectroscopy)	B0017
Cellulase CU	Hydrolysis of CMC (Cannon-Fenske viscometry)	B0019
Diastase DP	Hydrolysis of Lintner-soluble starch (Orbeco Hellige comparator)	B0021
* Glucoamylase AGU	Hydrolysis of p-nitrophenyl-α-D-glucopyranoside (UV-VIS)	B0023
Hemicellulase HCU	Hydrolysis of carob gum (Cannon-Fenske viscometry)	B0025
Invertase SU	Hydrolysis of Sucrose (UV-VIS)	B0027
Isolase IsoU	Hydrolysis of p-nitrophenyl-β-D-glucopyranoside (UV-VIS)	B0029
* Lactase ALU	Hydrolysis of o-nitrophenyl-β-D-galactopyranoside (UV-VIS)	B0031
Lipase FIP	Hydrolysis of olive oil (ΔpH) (Federation Internationale Pharma)	B0033
Leucine Amino Peptidase LAP	Hydrolysis of leucine p-nitroanalide (UV-VIS spectroscopy)	B0435
Lysozyme MCG	Lysis of <i>Micrococcus lysodeikticus</i> (UV-VIS spectroscopy)	B0035
Nattokinase FU	Hydrolysis of bovine plasma fibrin (UV-VIS spectroscopy)	B0006
Pancreatic Amylase USP	Hydrolysis of soluble starch (TITRN)	B0037
Pancreatic Lipase USP	Hydrolysis of olive oil (ΔpH)	B0039
Pancreatic Protease USP	Hydrolysis of casein (UV-VIS spectroscopy)	B0041
Papain (PU activity)	Hydrolysis of casein @ pH 6.0 (UV-VIS spectroscopy)	B0053
Pectinase PGU	Hydrolysis of citrus pectin (Cannon-Fenske viscometry)	B0045
Pepsin USP	Hydrolysis of egg albumin (sediment)	B0063
Peptidase DPPIV	Hydrolysis of Gly-Pro p-Nitroanilide (UV-VIS)	B0047
Phytase FTU	Hydrolysis of sodium phytate decahydrate (UV-VIS)	B0049
Protease AP	Hydrolysis of leucine p-nitroanalide HCL (UV-VIS spectroscopy)	B0051
* Protease HUT	Hydrolysis of hemoglobin (UV-VIS spectroscopy)	B0043
* Protease PU (FCC method)	Hydrolysis of casein @ pH 6.0 (UV-VIS spectroscopy)	B0053
* Protease PC	Hydrolysis of casein @ pH 7.0 (UV-VIS spectroscopy)	B0055
* Protease SAPU	Hydrolysis of casein @ pH 3.0 (UV-VIS spectroscopy)	B0057
Serratiopeptidase U	Hydrolysis of casein @ pH 9.0 (UV-VIS spectroscopy)	B0059
Xylanase XU	Hydrolysis of xylose @ pH 5.3 (UV-VIS spectroscopy)	B0288

*This test is listed on SORA Labs ISO 17025:2005 scope accreditation.

ENZYME ASSAYS

Specializing in enzyme assays, we are the foremost experts in testing for quality and potency in natural ingredient raw materials and finished products. The USP, British Pharmacopeia, Food Chemicals Codex and others make up our reference compendia.

Rush services, multi-sample and volume discounting are available; please let us quote your next project.

This is not a comprehensive list. Please call for additional options.



15366 US Hwy 160
 Forsyth, Missouri 65653
 Telephone: 877.645.8767
 Direct: 417.546.8075
 Fax: 417.546.2398
 SORA@SORALabs.com
 SORALabs.com

ISO 17025:2005 Accredited ISO 9001:2008 Certified