



What types of Quality Traits can QTA™ measure?

QTA™ (Quality Trait Analysis) is a unique, customizable analysis system for rapid, on-site testing of grain products including seed, oil, and meal. QTA has the broad analytical capabilities of a laboratory instrument, yet remains easy to use at your site because all data processing, monitoring, and maintenance is performed at a central location.

QTA builds customized applications to meet your analysis requirements. Tell us what you need and we'll build it for you!

Examples of some traits that can be analyzed are listed in the accompanying table. You can reach us to discuss your specific application by calling 1-866-yourQTA (1-866-968-7782) or sending an e-mail to help@qta.com.

For additional information, please contact:

Cognis Corporation
Cincinnati, OH U.S.A.
1-866-yourQTA
1-866-968-7782

www.qta.com



Examples of QTA Calibrations

Crop Material	Trait	Range
Barley	DON	0 – 33 ppm
Canola	Oil	40.2 – 52.3%
	Moisture	4.4 – 9.2%
	Protein	18.1 – 31.5%
	Glucosinolates	5.5 – 26.0 µmol/g
	C _{18:1} (Oleic)	54.9 – 77.8%
	C _{18:3} (Linolenic)	1.6 – 11.5%
Canola Meal	Fat	1.27 – 2.14%
	Moisture	11.73 – 12.40%
	Protein	38.07 – 39.55%
Canola Oil	Free Fatty Acids	0.45 – 0.70%
Corn	Oil	3.6 – 9.3%
	Protein	7.7 – 13.3%
	Starch	61.4 – 72.4%
Flax	Oil	37.6 – 49.2%
	Protein	18.2 – 29.3%
	Total Saturates	7.0 – 11.3%
	Iodine Value	177 – 210
	C ₁₆ (Palmitic)	4.2 – 6.4%
	C _{18:0} (Stearic)	2.4 – 5.0%
	C _{18:1} (Oleic)	12.9 – 25.8%
	C _{18:2} (Linoleic)	11.3 – 21.2%
	C _{18:3} (Linolenic)	47.5 – 68.4%
Rice	Free Fatty Acids	0.025 – 0.13%
	Total Oil	0.33 – 1.0%
Soybeans	Oil	19.6 – 23.5%
	Protein	37.2 – 46.3%
Sunflower	Oil	29.8 – 55.6%
	Total Saturates	6.0 – 17.5%
	C _{18:1} (Oleic)	9.9 – 89.9%
Wheat	DON	0.5 – 15 ppm
	Falling Number	95 – 420 sec
	Protein	9.1 – 18.4%



identifying value...preserving value