

# YOUR PRICING PACKAGES EXPLAINED

## PRO & DIAGNOSTIC

ISO 8573:2010 PURITY CLASSES

### ISO 8573 [P:W:O]

#### PRO PACKAGE [● 1-7: ● 1-6: ● 1-4]

Purity class must be chosen for each contaminant  
PRO Reports will indicate Pass/Fail

Classes 1 & 2 are only available with the PRO & DIAGNOSTIC Package

**DIAGNOSTIC:** No purity class selection required. Laboratory will report test results with applicable purity classes. Reports will not indicate Pass or Fail.

	PARTICLES				WATER**		OIL**		
	By Particle Size (max # of particles / m <sup>3</sup> )				By Mass	Vapor Pressure Dew Point		Liquid	Aerosol, Vapor & Liquid
	0.1<d≤0.5 micron	0.5<d≤1.0 micron	1.0<d≤5.0 micron(s)	micron(s) > 5	mg/m <sup>3</sup>	°C	°F	g/m <sup>3</sup>	mg/m <sup>3</sup>
0	As specified by the equipment user or supplier, and more stringent than Class 1								
1	≤20,000	≤400	≤10	none	-	≤-70	≤-94	-	≤0.01
2	≤400,000	≤6,000	≤100	none	-	≤-40	≤-40	-	≤0.1
3	-	≤90,000	≤1,000	none	-	≤-20	≤-4	-	≤1
4	-	-	≤10,000	none	-	≤+3	≤+37	-	≤5
5	-	-	≤100,000	none	-	≤+7	≤+45	-	-
6	-	-	-	-	0 - ≤5	≤+10	≤+50	-	-
7	-	-	-	-	5 - ≤10	-	-	≤0.5	-
8*	-	-	-	-	-	-	-	≤5	-

## VALUE

ISO 8573:2010 PURITY CLASSES

### ISO 8573 [P:W:O]

#### VALUE PACKAGE [● 3-5: ● 1-6: ● 3-4]

Unless specific classes are chosen, the laboratory will report within the VALUE Range

VALUE Reports will indicate Pass/Fail

	PARTICLES				WATER**		OIL**		
	By Particle Size (max # of particles / m <sup>3</sup> )				By Mass	Vapor Pressure Dew Point		Liquid	Aerosol, Vapor & Liquid
	0.1<d≤0.5 micron	0.5<d≤1.0 micron	1.0<d≤5.0 micron(s)	micron(s) > 5	mg/m <sup>3</sup>	°C	°F	g/m <sup>3</sup>	mg/m <sup>3</sup>
0	As specified by the equipment user or supplier, and more stringent than Class 1								
1	≤20,000	≤400	≤10	none	-	≤-70	≤-94	-	≤0.01
2	≤400,000	≤6,000	≤100	none	-	≤-40	≤-40	-	≤0.1
3	-	≤90,000	≤1,000	none	-	≤-20	≤-4	-	≤1
4	-	-	≤10,000	none	-	≤+3	≤+37	-	≤5
5	-	-	≤100,000	none	-	≤+7	≤+45	-	-
6	-	-	-	-	0 - ≤5	≤+10	≤+50	-	-
7	-	-	-	-	5 - ≤10	-	-	≤0.5	-
8*	-	-	-	-	-	-	-	≤5	-

## BASIC

ISO 8573:2010 PURITY CLASSES

### ISO 8573 [P:W:O]

#### BASIC PACKAGE [● 6-7: ● 1-6: ● 3-4]

Unless specific classes are chosen, the laboratory will report within the BASIC Range

BASIC Reports will indicate Pass/Fail

	PARTICLES				WATER**		OIL**		
	By Particle Size (max # of particles / m <sup>3</sup> )				By Mass	Vapor Pressure Dew Point		Liquid	Aerosol, Vapor & Liquid
	0.1<d≤0.5 micron	0.5<d≤1.0 micron	1.0<d≤5.0 micron(s)	micron(s) > 5	mg/m <sup>3</sup>	°C	°F	g/m <sup>3</sup>	mg/m <sup>3</sup>
0	As specified by the equipment user or supplier, and more stringent than Class 1								
1	≤20,000	≤400	≤10	none	-	≤-70	≤-94	-	≤0.01
2	≤400,000	≤6,000	≤100	none	-	≤-40	≤-40	-	≤0.1
3	-	≤90,000	≤1,000	none	-	≤-20	≤-4	-	≤1
4	-	-	≤10,000	none	-	≤+3	≤+37	-	≤5
5	-	-	≤100,000	none	-	≤+7	≤+45	-	-
6	-	-	-	-	0 - ≤5	≤+10	≤+50	-	-
7	-	-	-	-	5 - ≤10	-	-	≤0.5	-
8*	-	-	-	-	-	-	-	≤5	-

\*Classes continue beyond this point but are for non-critical applications. \*\*Trace does not include liquid oil or liquid water testing. These are only required for catastrophic contamination.

MICROBIOLOGICAL CONTAMINANTS	OTHER GASEOUS CONTAMINANTS
No purity classes identified	No purity classes identified: CO, CO <sub>2</sub> , SO <sub>2</sub> , NOX, Hydrocarbons mentioned.