The performance specification for the TIC-Auto classifier-ID-1.3.1 library of the ChemPro®100i.

Detection level	Alarm indications				Agents	Alarm limits (ppm)
	Text	Icon	Audio	Visible		
TIC Identified	Ammonia	☠	�») ■■■■■■■	Red LEDs	Ammonia (NH_3)	100
	Chlorine	☠	�») ■■■■■■■	Red LEDs	Chlorine (Cl_2) [1]	10
	Hydrogen cyanide	☠	�») ■■■■■■■	Red LEDs	Hydrogen cyanide, AC (HCN)	20
	Hydrogen sulfide	☠	�») ■■■■■■■	Red LEDs	Hydrogen sulphide (H_2S)	10
TIC Classified	TIC oxidizer	🔥	�») ■■■■■■■	Red LEDs	Fluorine (F_2)	25
					Nitrogen dioxide (NO_2) [1]	20
	TIC hydride	☠	�») ■■■■■■■	Red LEDs	Arsine (AsH_3)	3
					Diborane (B_2H_6)	15
					Phosphine (PH_3)	50
	TIC acidic	🧪	�») ■■■■■■■	Red LEDs	Hydrogen bromide (HBr)	30
					Hydrogen chloride (HCl)	50
					Hydrogen fluoride (HF)	30
					Nitric acid (HNO_3)	25
					Phosphorous trichloride (PCl_3)	25
	TIC organic	☠	�») ■■■■■■■	Red LEDs	Acrylonitrile (C_3H_3N)	85
					Allyl alcohol (C_3H_6O)	20
					Carbon disulphide (CS_2)	500
					Ethylene oxide (C_2H_4O)	100
					Formaldehyde (CH_2O)	20
					Methanol (CH_3OH)	200
TIC Detected	TIC	☠	�») ■■■■■■■	Red LEDs	Boron trichloride (BCl3)	2
					Boron trifluoride (BF_3)	25
					Cyanogen chloride, CK (CNCl)	50
					Phosphorus oxychloride ($POCl_3$)	0.85
					Sulphur dioxide (SO_2)	100
General	Chemical Detected	✖	�») ■■■■■■■	Red LEDs	Generic alarm for chemicals in hazardous concentrations or chemical mixtures	

(1): Indications "TIC Oxidizer" and "Chlorine" may both appear