

Reagents for pesticide residue & PCB analysis



Kanto Chemical offer a wide range of reagents for testing residual pesticides for ultra-trace analysis.

Product

Product name	Purity	Non-volatile matter	x 300		x 5,000	
			Package	Catalog No.	Package	Catalog No.
Acetone	>99.8%	<0.0002%	1 L	12-3B	1 L	01025-1B
			3 L	12-4B	3 L	01025-2B
Acetonitrile	>99.8%	<0.0002%	1 L	17-2B	1 L	01033-2B
			3 L	17-3B	3 L	01033-3B
Benzene	>99.8%	<0.0002%	1 L	1792-2B	1 L	04084-2B
<i>tert</i> -Butyl methyl ether	>99.5%	<0.0002%	1 L	04418-5B	1 L	04418-4B
Chloroform	>99.0%	<0.0002%	1 L	07278-5B	1 L	07277-1B
Cyclohexane	>99.5%	<0.0002%	1 L	07547-3B	1 L	07547-7B
			3 L	07547-5B	-	-
Dichloromethane	>99.5%	<0.0002%	1 L	6054-3B	1 L	10158-3B
			3 L	6054-4B	3 L	10158-4B
Diethyl ether	>99.0%	<0.0002%	1 L	14134-2B	1 L	14134-6B
Ethanol(99.5)	>99.5%	<0.0002%	1 L	14033-4B	1 L	14032-1B
			3 L	14033-5B	-	-
Ethyl acetate	>99.8%	<0.0002%	1 L	10972-2B	1 L	10972-4B
			3 L	10972-3B	3 L	10972-5B
n-Hexane	>96.0%	<0.0001%	1 L	4371-3B	1 L	18041-3B
			3 L	4371-4B	3 L	18041-4B
Methanol	>99.5%	<0.0001%	1 L	6011-2B	1 L	25183-4B
			3 L	6011-4B	3 L	25183-5B
Petroleum ether	>90.0%	<0.0002%	1 L	1772-2B	1 L	32065-1B
2-Propanol	>99.7%	<0.0002%	-	-	1 L	32435-3B
Toluene	>99.5%	<0.0002%	1 L	40180-3B	1 L	40181-1B
			3 L	40180-5B	3 L	40181-2B

Example of the specification ~Hexane~

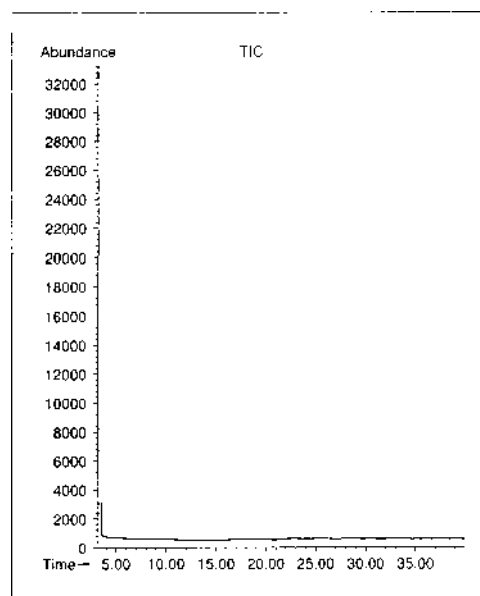
Items	Unit	Specification
Purity (GC)	%	min. 96.0
Density (20 °C)	g/mL	0.659 - 0.662
Absorbance		-----
220 nm		max. 1.00
230 - 280 nm		max. 0.06
300 - 400 nm		max. 0.02
Water	%	max. 0.01
Non-volatile matter	ppm	max. 1
Suitability for GC-MS analysis		to pass test
Suitability for pesticide residue analysis		to pass test
Suitability for PCB analysis		to pass test

GC/MS Guarantee

The figure on the right is a blank chart of hexane(x 5,000) for pesticide residue testing by GC/MS.

<Conditions>

Detector	: Mass Selective
Column	: Rtx-1 L 30 m ID 0.25 mm DF 0.25 μm
Carrier	: He 8 psi
Oven Temp. Program	: 70 °C (1.5min.) ~30 °C/min~140 °C (0min) ~5 °C/min~250 °C (14.17min.)
Injection	: 2 μL Splitless (1.5 min. Purge time)
Injection Temp.	: 250 °C
Detector Temp.	: 280 °C



Related product

Product name	Grade	Package	Catalog No.
Sodium chloride	for pesticide residue and PCB analysis	500 g	37144-1B
Sodium sulfate	for pesticide residue and PCB analysis	500 g	6639-1B
Acetonitrile	for thiram analysis	1 L	01031-79
		3 L	01031-76
Distilled water, washed with hexane	for pesticide residue analysis	1 L	11307-5B
		3 L	11307-6B

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