

รายการความต้องการสารเคมีประเภท solvent & reagent เฉพาะ ปีงบประมาณ พ.ศ. 2562

ที่	รายการ	CAS No./Part No.	grade	ขนาด	ยี่ห้อ
SOLVENT					
1	Acetonitrile	75-05-8		4 L	
2	Methanol	67-56-1		4 L	
3	Methanol Anhydrous (50 ppm)		AR	1L	RCI lab scan
REAGENT					
4	1-(Heptafluorobutyl)imidazole, C ₇ H ₃ F ₇ N ₂ O	32477-35-3	³ 97%	1 g	SIGMA หรือ TRC
5	2-Ethyl-1,3-hexanediol (Ethylhexylene glycol)		97%, Mixture of	1 kg	Sigma-Aldrich
6	2-nitrobenzaldehyde	P72780-10 G		10 g	Fluka
7	4M KCl saturated with AgCl			100 มิลลิลิตร	Beckman
8	9-fluorenylmethoxycarbonyl chloride (Fmoc-Cl)		99%	25 g	ALFA AESAR
9	AccQ Tag Ultra Derivatization kit	WAT186003836	-	250 analysis/ชุด	WATERS <input type="checkbox"/>
10	AccQ Tag Ultra Eluent A Concentrate (WAT186003838)		-	1 L	WATERS <input type="checkbox"/>
11	AccQ Tag Ultra Eluent B <input type="checkbox"/>	WAT186003839	-	1 L	WATERS <input type="checkbox"/>
12	Aluminium oxide 90 (70-230 mesh ASTM)		AR	1 kg	Merck
13	aluminium oxide (base)		Dioxin grade	500 g	MP Biomedicals
14	Ammonium sulfate		reagent plus	1kg	Merck
15	Aquagent Complet 5 (Karl Fischer)		AR	1 L	Schralau
16	Bondensil-PSA, 40 um			100 กรัม	VARIAN
17	Boron trifluoride-methanol complex (20% solution in methanol) for synthesis	8.01663.0500	AR	500 ml	Merck
18	Buffer pH 10			1 ลิตร	Merck
19	Buffer pH 4			1 ลิตร	Merck

20	Buffer pH 7			1 ลิตร	Merck
21	Calcium carbonate	471-34-1	standards	50 g	Merck
22	CuSO ₄ .5H ₂ O 0.4 g, K ₂ SO ₄ 3.5 g		AR	1000 tab/1 box	Foss
23	Diastase enzyme	103604	AR	50g	Merck
24	Dietary Fiber, Total, Assay Control Kit (P/N: TDFC10-1KT) □				Sigma
25	Discovery ^(R) DSC-18		-	100 กรัม	SUPELCO
26	disodium ethylenediaminetetraacetate dihydrate (EDTA)	6381-92-6	-	250 กรัม	Merck
27	Electrlyte solution, KCl (3 mol/L)		AR	250 ml	Mettler Toledo
29	Electrlyte solution, NH ₄ NO ₃ (1 mol/L)		AR	50 mL	Metrohm
30	Florisil (60-100 mesh)		pesticide	0.5kg	Fluka
31	Formaldehyde-sodium bisulfite adduct 95%	970-72-4	AR	100 g	Aldrich
32	Gluconic Acid 50wt% solution in water		AR	1 L	Acros Organics
33	High vacuum grease		-	100 g	Ajax
34	Ion Electrolyte A (perfectION TM)		Reference	60 ml	Mettler Toledo
35	L-Glutamic acid kit		AR		BOEHRINGER MANNHEIM
36	Matrix modifier 10% NH ₄ H ₂ PO ₄			125 mL	Perkin Elmer
37	Matrix modifier Mg(NO ₃) ₂			125 mL	Perkin Elmer
38	meta-phosphoric acid, 65 % HPO ₃ basis	Cat. No.79615	purum	500g	Sigma-aldrich
39	Phthaldialdehyde for fluorescence, ≥ 99.0%	643-79-8	-	5 กรัม	SIGMA
40	potassium phosphate monobasic		AR	500 g	Merck, SIGMA
41	Protease from streptomyces griseus ; P5147-1G			1 g	sigma-aldrich

42	Resin: Bio-Rex 70 (hydrogen form 50-100 mesh)	142-5832	AR	500g	Bio-rad
43	sodium 1-butanefulfonate	2386-54-1	purity \geq 98%	25g	Sigma-Aldrich
44	Sodium azide		AR	100 g	Fluka
45	Sodium bisulfite, mixture of NaHSO ₃ and Na ₂ S ₂ O ₅	7631-90-5	ACS	100 g	Sigma-Aldrich
46	Sodium bromide, NaBr	7647-15-6	anhydrous, ³ 99%	1 Kg	Sigma-Aldrich
47	sodium dodecyl sulfat		AR	250 g	Merck, SIGMA
48	stopcock Grease		45 -53°C	100 กรัม	Ajex
49	Tetrabutyl ammonium hydroxide.30H ₂ O, 98%		AR	100 g	Sigma
50	Tetrahydrofuran ,anhydrous (THF)	109-99-9	anhydrous, ³ 99%	1 Lit	Sigma-Aldrich
51	Tetramethylammonium hydroxide solution 25% in water	75-59-2	AR	250 ml	Sigma-Aldrich
52	Tin (II) chloride anhydrous	7772-99-8	AR	500 g	Merck
53	TISAB III W.CDTA		-	475 ml	Mettler Toledo
54	Total dietary fiber assay kit				Sigma
55	Zinc Granular 30 mesh		AR	500 g	J.T. Baker
56	Hydrochloric acid		Extra Pure	2.5 L	Fisher
57	Dichloromethane		Pesticide	2.5 L	Duksan
58	Pyrogallol	87-66-1	AR	250 g	
59	Silicon antifoam agent (nonionic)		AR	500 ml	

ผู้ดำเนินการรวบรวม : วีรฤทธิ & ทองสุข