

Index to Spectra (1)

Folder	Sample	Filename
Exp_1	caffeine	CMPD1A.PDF
Exp_4	methyl salicylate salicylic acid	SM4A.PDF PRDT4A.PDF
Exp_5	salicylic acid acetylsalicylic acid 4-acetamidophenol 4-isobutyl- α -methylphenylacetic acid (S)-(+)-6-methoxy- α -methyl-2-naphthaleneacetic acid	SM5A.PDF PRDT5A.PDF CMPD5A.PDF CMPD5B.PDF CMPD5C.PDF
Exp_6	carvone limonene	CMPD6A.PDF CMPD6B.PDF
Exp_8	1,2-diphenylethane 1,2-dibromo-1,2-diphenylethane	SM8A.PDF PRDT8A.PDF
Exp_11	2-methyl-2-butanol 2-methyl-1-butene 2-methyl-2-butene E1 reaction mixture E2 reaction mixture	SM11A.PDF PRDT11A.PDF PRDT11B.PDF PRDT11C.PDF PRDT11D.PDF
Exp_12	3-methyl-1-butanol 3-methyl-1-butyl acetate 4-aminobenzoic acid ethyl 4-aminobenzoate	SM12A.PDF PRDT12A.PDF SM12B.PDF PRDT12B.PDF
Exp_13	cyclohexanol cyclohexanone	SM13A.PDF PRDT13A.PDF
Exp_14	(E)-3-phenyl-2-propen-1-ol (E)-3-phenyl-2-propenal	SM14A.PDF PRDT14A.PDF
Exp_15	bromobenzene acetophenone 1,1-diphenylethanol benzoic acid	SM15A.PDF SM15B.PDF PRDT15A.PDF PRDT15B.PDF
Exp_16	1-hexene 2-methyl-2-butene (E)-3-phenyl-2-propenoic acid 2,3-dibromo-3-phenylpropanoic acid	SM16A.PDF SM16B.PDF SM16C.PDF PRDT16E.PDF
Exp_17	vinylbenzene (styrene)	SM17A.PDF
Exp_18	1-bromobutane butyl benzoate	SM18A.PDF PRDT18A.PDF
Exp_19	maleic anhydride butadiene sulfone 4-cyclohexene- <i>cis</i> -1,2-dicarboxylic acid anhydride 4-cyclohexene- <i>cis</i> -1,2-dicarboxylic acid	SM19A.PDF SM19B.PDF PRDT19A.PDF PRDT19B.PDF
Exp_20	acetanilide bromination product from acetanilide 4-methylacetanilide bromination product from 4-methylacetanilide	SM20A.PDF PRDT20A.PDF SM20B.PDF PRDT20B.PDF
Exp_21	ferrocene acetylferrocene	SM21A.PDF PRDT21A.PDF
Exp_22	1,4-dimethoxybenzene di- <i>t</i> -butyl-1,4-dimethoxybenzene	SM22A.PDF PRDT22A.PDF

Index to Spectra (2)

Folder	Sample	Filename
Exp_24	3'-nitroacetophenone borohydride reduction product of 3'-nitroacetophenone tin reduction product of 3'-nitroacetophenone	SM24A.PDF PRDT24A.PDF PRDT24B.PDF
Exp_25	4-methoxybenzaldehyde trimethylphosphonoacetate methyl (E)-3-(4'-methoxyphenyl)propenoate	SM25A.PDF SM25B.PDF PRDT25A.PDF
Exp_27	1,5-diphenyl-1,5-pentandione 1,2-dibenzoylcyclopropane	SM27A.PDF PRDT27A.PDF
Exp_28	glycine <i>d,l</i> -alanine <i>d,l</i> -valine benzoyl-glycine benzoyl-alanine benzoyl-valine 3-methylbenzoic acid <i>N,N</i> -diethyl- <i>m</i> -toluamide (DEET)	SM28A.PDF SM28B.PDF SM28C.PDF PRDT28A.PDF PRDT28B.PDF PRDT28C.PDF SM28D.PDF PRDT28D.PDF
Proj_3	unknown ester for Project 3 unknown alcohol for Project 3 unknown acid for Project 3	PRJ3A.PDF PRJ3B.PDF PRJ3C.PDF
Proj_4	4- <i>t</i> -butylcyclohexanol (mixture of isomers from Aldrich) 4- <i>t</i> -butylcyclohexanone 4- <i>t</i> -butylcyclohexanol (product from borohydride reduction)	PRJ4A.PDF PRJ4B.PDF PRJ4C.PDF
Proj_5	1-butanol 1-bromobutane acetaldehyde acetone propanal 3-pentanone 2-butanone product from acetaldehyde and butylmagnesiumbromide product from acetone and butylmagnesiumbromide product from propanal and butylmagnesiumbromide product from 2-butanone and butylmagnesiumbromide	PRJ5A.PDF PRJ5B.PDF PRJ5C.PDF PRJ5D.PDF PRJ5E.PDF PRJ5F.PDF PRJ5G.PDF PRJ5H.PDF PRJ5J.PDF PRJ5K.PDF PRJ5L.PDF
Proj_6	2-methyl-2-butanol 2-chloro-2-methylbutane 2-methyl-1-butene 2-methyl-2-butene E1 reaction mixture E2 reaction mixture	PRJ6A.PDF PRJ6B.PDF PRJ6C.PDF PRJ6D.PDF PRJ6E.PDF PRJ6F.PDF
Proj_7	bromobenzene cyclohexanone 1-phenylcyclohexanol 1-phenylcyclohexene hydroboration-oxidation product from 1-phenylcyclohexene 2-phenylcyclohexanol (mixture of isomers from Aldrich)	PRJ7A.PDF PRJ7B.PDF PRJ7C.PDF PRJ7D.PDF PRJ7E.PDF PRJ7F.PDF
Proj_8	ferrocene acetylferrocene major diacylated ferrocene product minor diacylated ferrocene product	PRJ8A.PDF PRJ8B.PDF PRJ8C.PDF PRJ8D.PDF

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Folder	Sample	Filename
Proj_9	maleic anhydride butadiene sulfone 4-cyclohexene- <i>cis</i> -1,2-dicarboxylic acid anhydride 4-cyclohexene- <i>cis</i> -1,2-dicarboxylic acid 4,5-dibromocyclohexane- <i>cis</i> -1,2-dicarboxylic acid dimethyl 4,5-dibromocyclohexane- <i>cis</i> -1,2-dicarboxylate	PRJ9A.PDF PRJ9B.PDF PRJ9C.PDF PRJ9D.PDF PRJ9E.PDF PRJ9F.PDF
Proj_10	maleic anhydride 2,3-dimethyl-1,3-butadiene 1,3-cyclohexadiene diethyl maleate diethyl fumarate dimethyl acetylenecarboxylate dimethyl maleate 4,5-dimethylcyclohex-4-ene- <i>cis</i> -1,2-dicarboxylic anhydride bicyclo-[2.2.2]-oct-5-ene- <i>endo</i> -2,3-dicarboxylic anhydride diethyl 4,5-dimethylcyclohex-4-ene- <i>cis</i> -1,2-dicarboxylate diethyl 4,5-dimethylcyclohex-4-ene- <i>trans</i> -1,2-dicarboxylate dimethyl 4,5-dimethylcyclohex-4-ene- <i>cis</i> -1,2-dicarboxylate dimethyl 4,5-dimethylcyclohexa-1,4-diene-1,2-dicarboxylate dimethyl 4,5-dimethylbenzene-1,2-dicarboxylate	PRJ10A.PDF PRJ10B.PDF PRJ10C.PDF PRJ10D.PDF PRJ10E.PDF PRJ10F.PDF PRJ10G.PDF PRJ10H.PDF PRJ10I.PDF PRJ10J.PDF PRJ10K.PDF PRJ10L.PDF PRJ10M.PDF PRJ10N.PDF
Proj_11	benzaldehyde 4-methylbenzaldehyde 4-methoxybenzaldehyde (<i>E</i>)-3-phenyl-2-propenal acetone cyclopentanone cyclohexanone 4-methylcyclohexanone	PRJ11A.PDF PRJ11B.PDF PRJ11C.PDF PRJ11D.PDF PRJ11E.PDF PRJ11F.PDF PRJ11G.PDF PRJ11H.PDF
Proj_12	benzaldehyde 1,2-diphenyl-2-hydroxyethanone 1,2-diphenyl-1,2-ethanediol 2,2-dimethoxypropane cyclic acetal of 1,2-diphenyl-1,2-ethanediol	PRJ12A.PDF PRJ12B.PDF PRJ12C.PDF PRJ12D.PDF PRJ12E.PDF
Proj_14	glucose pentaacetate using iodine as catalyst glucose pentaacetate using sodium acetate as catalyst	PRJ14A.PDF PRJ14B.PDF
Proj_15	maleic anhydride butadiene sulfone 4-cyclohexene- <i>cis</i> -1,2-dicarboxylic anhydride dimethyl 4-cyclohexene- <i>cis</i> -1,2-dicarboxylate (+/-)-methyl hydrogen 4-cyclohexene- <i>cis</i> -1,2-dicarboxylate (<i>S</i>)-(-)- α -methylbenzylamine salt of (+/-)-methyl hydrogen 4-cyclohexene- <i>cis</i> -1,2-dicarboxylate with (<i>S</i>)-(-)- α -methylbenzylamine	PRJ15A.PDF PRJ15B.PDF PRJ15C.PDF PRJ15D.PDF PRJ15E.PDF PRJ15F.PDF PRJ15G.PDF