

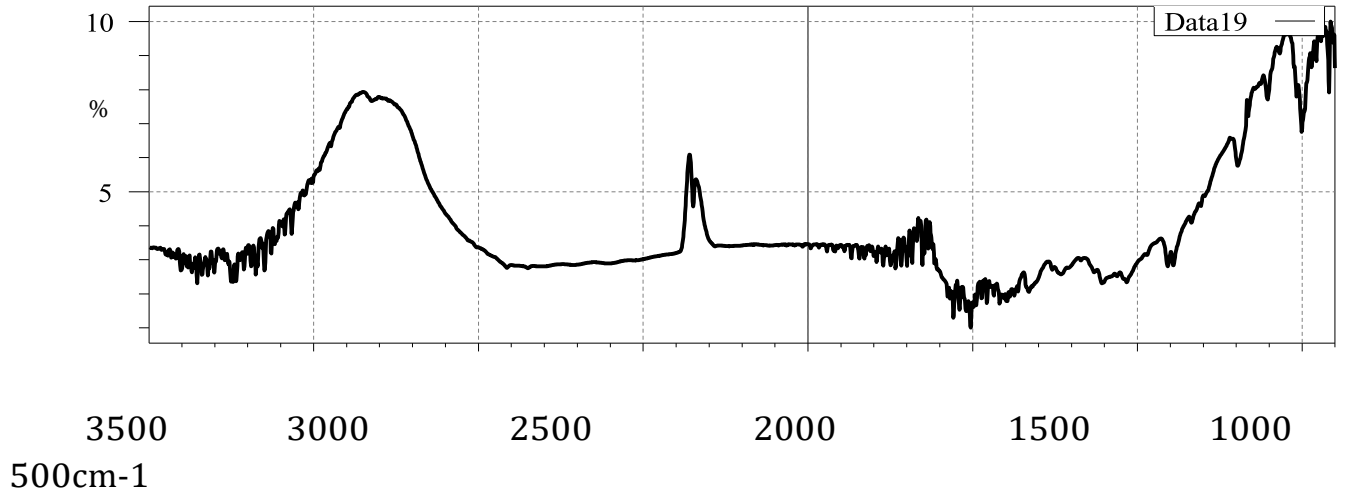
**INFRAQIZIL SPEKTROSKOPIYA MOSLAMASI YORDAMIDA GLITSIN
PREPARATINING SIFAT KO'RSATKICHINI ANIQLASH.****Maxmudov S. O***Buxoro Davlat tibbiyot instituti tibbiy kimyo kafedrasida assistenti.*

Glitsin(aminoatsetik kislota); yordamchi moddalar: natriy-karboksimetilsellyuloza (karmelloza natriy) yoki suvda eriydigan metilsellyuloza, magniy stearati yoki kaltsiy stearati. Glitsin metabolik regulyator bo'lib, Markaziy asab tizimidagi himoya inhibitsiyon jarayonlarini normallashtiradi va faollashtiradi, psixo-emotsional stressni kamaytiradi, aqliy ish qobiliyatini oshiradi. Glitsin glitsin - va GAMK-ergik, alfa-1-adenoblokirovka, antioksidant, antitoksik ta'sirga ega; glutamat (NMDA) retseptorlari faoliyatini nazorat qiladi.

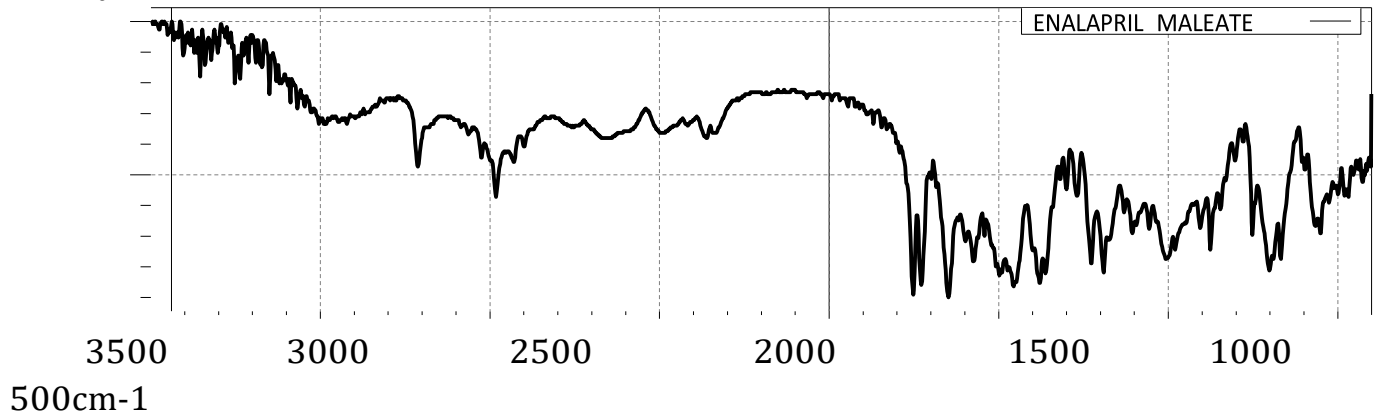
U tananing ko'pgina biologik suyuqliklari va to'qimalariga, shu jumladan, miyaga osongina kiradi; suv va karbonat angidridga parchalanadi, uning to'qimalarda to'planishi sodir bo'lmaydi. Markaziy asab tizimining funksional va organik shikastlanishlari giperekativlik, hissiy labillik va uyqu buzilishi bilan kechadigan bo'lsa, 3 yoshgacha bo'lgan bolalarga kuniga 0,5 tabletka (0,05 g) 2-3 marta 7-14 kun davomida beriladi. Keyin kuniga bir marta 0,05 g 7-10 kun davomida buyuriladi. Kundalik doz - 0,1-0,15 g, kurs-2,0-2,6 g. 3 yoshdan oshgan bolalar va kattalar 1 tabletkadan kuniga 2-3 marta, davolash kursi 7-14 kun. Davolash kursi 30 kungacha uzaytirilishi mumkin, agar kerak bo'lsa, kurs 30 kundan keyin qaytariladi. Uyqu buzilgan taqdirda, glitsin 0,5-1,0 tabletkadan uyqudan 20 daqiqa oldin yoki darhol uxlashdan oldin (yoshga qarab) buyuriladi. Miya ishemik insultida: insult rivojlanishining dastlabki 3-6 soatida bir choy qoshiq suv bilan 1 g, transbuccal yoki sublingual, keyin 1-1 kun davomida 5 g, keyingi 1 kun davomida kuniga 2 marta 30-30 tabletka. Narkologiya, Markaziy va periferik asab tizimida organik shikastlanishlarda, ensefalopatiya holatlari remissiyasi paytida glitsin 1 tabletkadan kuniga 2-3 marta, 14-30 kun davomida aqliy mehnat qobiliyatini oshirish va kuchlanishni kamaytirish vositasi sifatida ishlatiladi. Agar kerak bo'lsa, davolanish kurslari yiliga 4-6 marta takrorlanadi. Antipsikotiklar (neyroleptiklar), anksiyolitiklar, antidepressantlar, gipnozlar va antikonvulsanlar yon ta'sirini kamaytiradi. giperekstitatsiya, hissiy beqarorlik, aqliy qobiliyatning pasayishi va uyqu buzilishi: nevrozlar, nevrotik holatlar va vegeto-qon tomir distoni, neyroinfektsiyalar va miya shikastlanishining oqibatlari, perinatal va ensefalopatiyalarning boshqa shakllari (shu jumladan alkogol genezisi), asab tizimining turli funksional va organik kasalliklari. Dori-darmonlar uzoq vaqt davomida standart nazorat ostida saqlanmasligi mumkin, ularning tarkibi yaroqlilik muddati va boshqa sabablarga ko'ra o'zgarishi mumkin. Buni tasdiqlash uchun maxsus xromatograflar yordamida bir qator kimyoviy reaksiyalar yoki tahlillarni o'tkazish kerak. Muxtasar qilib aytganda, ushbu X seriyali Fourier Transform infraqizil hisoblash juda ko'p vaqt va investitsiyalarni talab qiladigan jarayondir. IRSpirit-

spektrofotometrda foydalanishni oldini olish uchun u muvaffaqiyatli bo'lishi mumkin. Buni olingan natijani taqqoslash orqali isbotlash mumkin.

Glitsin IR Spirit-spektrofotometri:



QATR



Score	Library	Name	Comment
615	58 - IRs Pharmaceuticals	ENALAPRIL MALEATE	ENALAPRIL MALEATE la; C ₂₄ H ₃₂ N ₂ O ₉ MW; 248
610	177 - IRs Pharmaceuticals	Lysozyme Hydrochloride	Lysozyme Hydrochloride la 963N1930182S10.xHCl
608	152 - IRs Pharmaceuticals	Bleomycin Hydrochloride	Bleomycin Hydrochloride la 4CIN17021S.HCl
600	149 - IRs Pharmaceuticals	Cefaclor	Cefaclor formula 4CIN304S ATR/diamond
599	33 - T-Organic2	Fe Lactate	Fe(II) Lactate 3H ₂ O
597	12 - IRs Pharmaceuticals	PHENETHICILLIN SIUM	PHENETHICILLIN SIUM Formula; 9KN205S MW; 402.5
596	37 - T-Organic2	Humic Acid	Humic Acid Transmission

8	595	25 - T_FoodAdditives2	T_Benzyl Acetate-4	Benzyl Acetate(Sales TOKYO CHEMICAL TRY CO.LTD.)@Between
9	593	33 - ATR-Organic2	D_AcetylCellulose	AcetylCellulose
10	590	101 - IRs naceuticals	ALLOPURINOL	ALLOPURINOL Formula; N40 MW; 136.11 KING STANDARD.B#
11	590	35 - T-Organic2	UREA	UREA Transmission
12	589	85 - IRs Pharmaceuticals	CEFTRIAZONE SODIUM	CEFTRIAZONE SODIUM Formula; 16N8Na2O7S3 MW; 3
13	589	23 - ATR-Organic2	D_butylAcrylate	n-Butyl Acrylate
14	587	25 - T-Organic2	PronyleneGlycol	PronyleneGlycol
15	585	1 - IRs Pharmaceuticals	PYRIDOXINE HCL	PYRIDOXINE HCL la; C8H11NO3.HCl MW; 4
16	584	133 - IRs naceuticals	Ceftriazone Sodium	Ceftriazone Sodium la : 16N8Na2O7S3.7/2H2O
17	584	23 - T-Organic2	EthyleneGlycol	EthyleneGlycol
18	583	167 - IRs naceuticals	Potassium Clavulanate	Potassium Clavulanate la
19	583	26 - T-Organic2	DipropyleneGlycol	DipropyleneGlycol(mixture
26	579	41 - T_FoodAdditives2	T_Microcrystalline ose_101-4	Microcrystalline ose(Product VIVAPUR101CSales TOYAKASEI CO. LTD.)@VIV
27	578	45 - IRs naceuticals	GLICLAZIDE	GLICLAZIDE Formula; 21N3O3S MW; 323.4092 (ASEAN REFERENCE STANDARD)
28	578	27 - ATR-Organic2	D_Di-2-ethyhexylPhtalate	Di-2-
29	578	26 - ATR-Organic2	D_n-ButylPhthalate	n-ButylPhthalate
30	578	12 - ATR-Organic2	D_AdinicAcid	AdinicAcid DuraSamplIR
31	577	35 - IRs naceuticals	KETOCONAZOLE	KETOCONAZOLE la; C26H28Cl2N4O4 MW; 376 (ASEAN REFERENCE STANDARD) CONTROL NO. T 3 LOGG ON DRIVING (0-0000)
32	577	57 - ATR-Organic2	D_Y-13 Dis Azo Yellow	Dis Azo y/C36H34Cl2N6O4, DuraSamplIR, Pig No. Y-13, 05100-00-0
33	577	21 - T-Organic2	DiocetylPhthalate	Di-2-
34	576	157 - IRs naceuticals	Aclarubicin chloride	Aclarubicin Hydrochloride la : C42H53NO15.HCl diamond molecular weight
35	576	154 - IRs naceuticals	Benzylpenicilline thine	Benzylpenicilline thine formula : (18N2O4S)C16H20N2.4H 20-0000-00-0
36	576	8 - IRs Pharmaceuticals	PIRACETAM	PIRACETAM Formula; ON2O2 MW; 142.15
37	576	20 - T-Organic2	n-ButylPhthalate	n-ButylPhthalate

38	576	30 - T-Organic2	Mg Stearate	Mg Stearate Transmission
39	574	95 - IRs naceuticals	ATENOLOL	ATENOLOL Formula; 22N2O3 MW; 266.34 N REFERENCE
40	574	2 - T-Organic2	Sucrose	Sucrose Transmission

Xulosa sifatida shuni aytish mumkinki, bu usul yordamida bir xil tarkibli aralashmalarining bir xil sifat va miqdoriy o'xshashligini isbotlash mumkin. Buning uchun aniqlanishi kerak bo'lgan turli agregat holatdagi aralashma yoki dori preparatlarini tarkibi sifat va miqdor jihatdan aniq bo'lgan aralashma tahlillari bilan solishtirib ko'rishimiz mumkin.

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