

rteres

Instrument :

FID_E

ClientSampleId :

500-3B CONCRETE CHIP

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2025

Supervised By :mohammad ahmed 07/15/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE07112
Data File : FE054810.D
Signal(s) : FID1B.ch
Acq On : 11 Jul 2025 14:48
Sample : Q2559-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.836	2.804	2.885	BV	428	6915	0.02%	0.000%
2	2.907	2.885	2.931	VV	199	3839	0.01%	0.000%
3	2.956	2.931	2.964	VV	159	2056	0.00%	0.000%
4	2.976	2.964	3.017	VV	124	2608	0.01%	0.000%
5	3.031	3.017	3.042	VV	118	1359	0.00%	0.000%
6	3.052	3.042	3.075	VV	217	2146	0.01%	0.000%
7	3.093	3.075	3.140	VV	162	4245	0.01%	0.000%
8	3.152	3.140	3.161	VV	121	1257	0.00%	0.000%
9	3.193	3.161	3.212	VV	164	4178	0.01%	0.000%
10	3.261	3.212	3.404	VV	625	29620	0.07%	0.002%
11	3.421	3.404	3.455	VV	301	5596	0.01%	0.000%
12	3.538	3.455	3.548	VV	236	7275	0.02%	0.000%
13	3.565	3.548	3.584	VV	248	4125	0.01%	0.000%
14	3.604	3.584	3.644	VV	663	10957	0.03%	0.001%
15	3.660	3.644	3.678	VV	226	3354	0.01%	0.000%
16	3.715	3.678	3.724	VV	194	3994	0.01%	0.000%
17	3.791	3.724	3.836	VV	806	20928	0.05%	0.001%
18	3.853	3.836	3.868	VV	283	4499	0.01%	0.000%
19	3.890	3.868	3.971	VV	2528	28954	0.07%	0.002%
20	4.006	3.971	4.057	VV	2121	23913	0.06%	0.001%
21	4.065	4.057	4.076	PV	102	754	0.00%	0.000%
22	4.098	4.076	4.170	VV	1154	16722	0.04%	0.001%
23	4.203	4.170	4.234	VV	3266	33839	0.08%	0.002%
24	4.273	4.234	4.302	VV	239	8117	0.02%	0.000%
25	4.329	4.302	4.361	VV	234	4850	0.01%	0.000%
26	4.403	4.361	4.418	VV	540	7866	0.02%	0.000%
27	4.440	4.418	4.508	VV	391	12270	0.03%	0.001%
28	4.532	4.508	4.586	VV	249	7916	0.02%	0.000%
29	4.592	4.586	4.600	VV	143	812	0.00%	0.000%
30	4.619	4.600	4.647	VV	245	3938	0.01%	0.000%
31	4.680	4.647	4.704	VV	554	8592	0.02%	0.000%
32	4.726	4.704	4.767	VV	360	7770	0.02%	0.000%
33	4.794	4.767	4.818	VV	158	3086	0.01%	0.000%
34	4.847	4.818	4.863	VV	748	8324	0.02%	0.000%
35	4.879	4.863	4.947	VV	1158	23344	0.05%	0.001%
36	4.967	4.947	4.980	VV	265	3509	0.01%	0.000%

					retention	Area		
37	5.000	4.980	5.033	VV	255	5647	0.01%	0.000%
38	5.051	5.033	5.081	VV	915	12643	0.01%	0.000%
39	5.093	5.081	5.111	VV	269	3880	0.01%	0.000%
40	5.134	5.111	5.184	VV	235	6787	0.01%	0.000%
41	5.205	5.184	5.248	VV	219	5252	0.01%	0.000%
42	5.293	5.248	5.318	VV	801	14171	0.01%	0.000%
43	5.337	5.318	5.348	VV	253	3900	0.01%	0.000%
44	5.354	5.348	5.375	VV	178	2395	0.01%	0.000%
45	5.392	5.375	5.434	VV	257	6913	0.02%	0.000%
46	5.442	5.434	5.480	VV	213	3839	0.01%	0.000%
47	5.498	5.480	5.544	VV	309	4981	0.01%	0.000%
48	5.625	5.544	5.653	PV	718	13751	0.03%	0.001%
49	5.686	5.653	5.728	VV	874	12948	0.03%	0.001%
50	5.743	5.728	5.755	VV	132	1478	0.00%	0.000%
51	5.766	5.755	5.779	VV	128	1017	0.00%	0.000%
52	5.821	5.779	5.835	VV	461	5861	0.01%	0.000%
53	5.855	5.835	5.910	VV	1620	20791	0.05%	0.001%
54	5.930	5.910	5.951	VV	345	4677	0.01%	0.000%
55	5.965	5.951	5.991	VV	213	3475	0.01%	0.000%
56	6.018	5.991	6.050	VV	245	6072	0.01%	0.000%
57	6.071	6.050	6.084	VV	469	6215	0.01%	0.000%
58	6.088	6.084	6.108	VV	359	3760	0.01%	0.000%
59	6.141	6.108	6.170	VV	690	10379	0.02%	0.001%
60	6.192	6.170	6.241	VV	713	10658	0.02%	0.001%
61	6.278	6.241	6.291	VV	252	4840	0.01%	0.000%
62	6.310	6.291	6.331	VV	366	4981	0.01%	0.000%
63	6.355	6.331	6.374	VV	311	5256	0.01%	0.000%
64	6.399	6.374	6.425	VV	1568	20398	0.05%	0.001%
65	6.445	6.425	6.466	VV	4436	46869	0.11%	0.003%
66	6.475	6.466	6.499	VV	981	12728	0.03%	0.001%
67	6.507	6.499	6.524	VV	340	4083	0.01%	0.000%
68	6.563	6.524	6.597	VV	548	12577	0.03%	0.001%
69	6.610	6.597	6.624	VV	338	3905	0.01%	0.000%
70	6.692	6.624	6.730	VV	747	19077	0.04%	0.001%
71	6.744	6.730	6.773	VV	276	4554	0.01%	0.000%
72	6.792	6.773	6.804	VV	179	2319	0.01%	0.000%
73	6.813	6.804	6.840	VV	142	2658	0.01%	0.000%
74	6.858	6.840	6.884	VV	713	7850	0.02%	0.000%
75	6.931	6.884	7.000	VV	1374	19753	0.05%	0.001%
76	7.013	7.000	7.031	VV	133	1372	0.00%	0.000%
77	7.066	7.031	7.091	PV	159	2883	0.01%	0.000%
78	7.138	7.091	7.160	PV	237	5487	0.01%	0.000%
79	7.181	7.160	7.201	VV	335	4807	0.01%	0.000%
80	7.209	7.201	7.231	VV	195	2739	0.01%	0.000%
81	7.264	7.231	7.291	PV	586	8295	0.02%	0.000%
82	7.319	7.291	7.330	VV	200	3803	0.01%	0.000%
83	7.390	7.330	7.414	VV	441	16856	0.04%	0.001%
84	7.434	7.414	7.461	VV	361	5736	0.01%	0.000%
85	7.498	7.461	7.520	PV	925	14441	0.03%	0.001%
86	7.536	7.520	7.564	VV	644	8462	0.02%	0.000%
87	7.584	7.564	7.615	VV	361	5737	0.01%	0.000%
88	7.639	7.615	7.657	VV	546	6956	0.02%	0.000%
89	7.684	7.657	7.694	VV	460	6910	0.02%	0.000%

Instrument :
FID_E
ClientSampleId :
500-3B CONCRETE CHIP

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

90	7.708	7.694	7.744	VV	356	7731	0.02%	0.000%
91	7.806	7.744	7.837	VV	1025	33845		
92	7.889	7.837	7.924	VV	1279	46959		
93	7.934	7.924	7.955	VV	877	15273		
94	8.005	7.955	8.024	VV	1688	53427		
95	8.039	8.024	8.054	VV	1284	19264		
96	8.065	8.054	8.078	VV	1125	15061	0.04%	0.001%
97	8.200	8.170	8.221	VV	2570	63358	0.15%	0.003%
98	8.249	8.221	8.262	VV	4680	85246	0.20%	0.005%
99	8.270	8.262	8.282	VV	4149	45940	0.11%	0.003%
100	8.295	8.282	8.315	VV	4117	70281	0.16%	0.004%
101	8.333	8.315	8.360	VV	4253	91648	0.21%	0.005%
102	8.389	8.360	8.405	VV	4724	106359	0.25%	0.006%
103	8.432	8.405	8.470	VV	5728	195952	0.46%	0.011%
104	8.511	8.470	8.526	VV	7058	204654	0.48%	0.011%
105	8.538	8.526	8.548	VV	6326	80141	0.19%	0.004%
106	8.570	8.548	8.587	VV	8127	164946	0.38%	0.009%
107	8.603	8.587	8.615	VV	8201	127137	0.30%	0.007%
108	8.685	8.615	8.723	VV	14694	682354	1.59%	0.037%
109	8.740	8.723	8.754	VV	12954	217974	0.51%	0.012%
110	8.803	8.754	8.820	VV	14202	520397	1.21%	0.028%
111	8.863	8.820	8.876	VV	20791	557949	1.30%	0.031%
112	8.888	8.876	8.901	VV	20304	278406	0.65%	0.015%
113	8.922	8.901	8.961	VV	25156	780405	1.82%	0.043%
114	9.062	9.039	9.078	VV	31955	657952	1.53%	0.036%
115	9.100	9.078	9.112	VV	34877	644466	1.50%	0.035%
116	9.134	9.112	9.150	VV	47360	939496	2.19%	0.051%
117	9.164	9.150	9.178	VV	44522	679576	1.58%	0.037%
118	9.204	9.178	9.214	VV	46875	940278	2.19%	0.051%
119	9.231	9.214	9.255	VV	60800	1247822	2.91%	0.068%
120	9.271	9.255	9.284	VV	46200	792315	1.85%	0.043%
121	9.324	9.284	9.337	VV	60817	1747521	4.07%	0.096%
122	9.350	9.337	9.364	VV	58743	946045	2.21%	0.052%
123	9.394	9.364	9.416	VV	67953	1937315	4.52%	0.106%
124	9.453	9.416	9.488	VV	79914	3043354	7.09%	0.166%
125	9.525	9.488	9.539	VV	85847	2359144	5.50%	0.129%
126	9.579	9.539	9.592	VV	87766	2609681	6.08%	0.143%
127	9.623	9.592	9.643	VV	99124	2861181	6.67%	0.157%
128	9.665	9.643	9.674	VV	105918	1797618	4.19%	0.098%
129	9.686	9.674	9.707	VV	107670	2051058	4.78%	0.112%
130	9.741	9.707	9.754	VV	127941	3191130	7.44%	0.175%
131	9.769	9.754	9.798	VV	134957	3307616	7.71%	0.181%
132	9.818	9.798	9.834	VV	134505	2864469	6.68%	0.157%
133	9.879	9.834	9.892	VV	160122	4918071	11.46%	0.269%
134	9.932	9.892	9.964	VV	193517	7256271	16.91%	0.397%
135	9.994	9.964	10.014	VV	187546	5168052	12.05%	0.283%
136	10.092	10.014	10.121	VV	207212	12080242	28.16%	0.661%
137	10.151	10.121	10.161	VV	220434	4878016	11.37%	0.267%
138	10.182	10.161	10.204	VV	250317	5951506	13.87%	0.326%
139	10.280	10.204	10.304	VV	267306	14580074	33.99%	0.798%
140	10.318	10.304	10.344	VV	289469	6368035	14.84%	0.348%
141	10.379	10.344	10.385	VV	271495	6561562	15.29%	0.359%

Instrument :

FID_E

ClientSampleId :

500-3B CONCRETE CHIP

0.02% 0.000%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2025

Supervised By :mohammad ahmed 07/15/2025

					rters			
142	10.403	10.385	10.468	VV	286693	13731929	32.01%	0.751%
143	10.496	10.468	10.512	VV	306150	7716651	17.00%	0.751%
144	10.520	10.512	10.539	VV	298022	4756454	11.00%	0.751%
145	10.591	10.539	10.608	VV	332345	13174685	30.00%	0.751%
146	10.639	10.608	10.654	VV	356224	9527859	22.00%	0.719%
147	10.667	10.654	10.686	VV	378987	7072468	16.00%	0.719%
148	10.714	10.686	10.742	VV	445601	13146855	30.64%	0.719%
149	10.769	10.742	10.826	VV	425384	20495563	47.77%	1.121%
150	10.862	10.826	10.888	VV	487287	15750368	36.71%	0.862%
151	10.907	10.888	10.924	VV	424451	9032628	21.05%	0.494%
152	10.973	10.924	10.997	VV	473168	19002871	44.29%	1.040%
153	11.004	10.997	11.020	VV	445784	6071524	14.15%	0.332%
154	11.064	11.020	11.091	VV	558550	20633769	48.10%	1.129%
155	11.128	11.091	11.154	VV	572563	19931092	46.46%	1.090%
156	11.166	11.154	11.198	VV	552280	14253128	33.22%	0.780%
157	11.210	11.198	11.223	VV	531259	7749086	18.06%	0.424%
158	11.234	11.223	11.257	VV	516556	10266821	23.93%	0.562%
159	11.279	11.257	11.288	VV	546191	9800629	22.84%	0.536%
160	11.321	11.288	11.338	VV	607944	17126507	39.92%	0.937%
161	11.350	11.338	11.368	VV	582183	10322605	24.06%	0.565%
162	11.391	11.368	11.424	VV	638196	20246120	47.19%	1.108%
163	11.463	11.424	11.471	VV	612842	16702973	38.93%	0.914%
164	11.486	11.471	11.507	VV	633025	12895103	30.06%	0.705%
165	11.525	11.507	11.540	VV	627588	12061684	28.11%	0.660%
166	11.578	11.540	11.601	VV	662646	22596823	52.67%	1.236%
167	11.677	11.601	11.697	VV	665377	36432552	84.92%	1.993%
168	11.721	11.697	11.753	VV	693876	22799587	53.14%	1.247%
169	11.777	11.753	11.795	VV	774089	17781899	41.45%	0.973%
170	11.823	11.795	11.841	VV	746939	19889183	46.36%	1.088%
171	11.868	11.841	11.891	VV	808406	22103231	51.52%	1.209%
172	11.905	11.891	11.921	VV	700162	12453308	29.03%	0.681%
173	11.941	11.921	11.964	VV	708296	17627565	41.09%	0.964%
174	11.978	11.964	11.998	VV	679554	13440099	31.33%	0.735%
175	12.028	11.998	12.049	VV	707042	21164226	49.33%	1.158%
176	12.101	12.049	12.121	VV	1314646	39969642	93.17%	2.187%
177	12.136	12.121	12.154	VV	769975	15054168	35.09%	0.824%
178	12.177	12.154	12.201	VV	801404	21203616	49.42%	1.160%
179	12.215	12.201	12.233	VV	770743	14343969	33.43%	0.785%
180	12.261	12.233	12.281	VV	896632	23095567	53.83%	1.263%
181	12.297	12.281	12.317	VV	778597	16342828	38.09%	0.894%
182	12.337	12.317	12.357	VV	768905	17784274	41.45%	0.973%
183	12.399	12.357	12.421	VV	758038	28774063	67.07%	1.574%
184	12.450	12.421	12.464	VV	840274	20893609	48.70%	1.143%
185	12.493	12.464	12.515	VV	851576	24417897	56.92%	1.336%
186	12.532	12.515	12.568	VV	837387	25684019	59.87%	1.405%
187	12.584	12.568	12.640	VV	792657	32585924	75.96%	1.783%
188	12.687	12.640	12.702	VV	750522	27236063	63.49%	1.490%
189	12.726	12.702	12.748	VV	883155	22386836	52.18%	1.225%
190	12.759	12.748	12.777	VV	822779	13365208	31.15%	0.731%
191	12.788	12.777	12.812	VV	786378	16139746	37.62%	0.883%
192	12.831	12.812	12.850	VV	775507	16826574	39.22%	0.921%
193	12.864	12.850	12.902	VV	762290	22805852	53.16%	1.248%
194	12.919	12.902	12.934	VV	767871	14494582	33.79%	0.793%

Instrument :

FID_E

ClientSampleId :

500-3B CONCRETE CHIP

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2025

Supervised By :mohammad ahmed 07/15/2025

					rters			
247	16.205	16.194	16.257	VV	35363	1259701	2.94%	0.069%
248	16.271	16.257	16.352	VV	32362	1648238		
249	16.363	16.352	16.388	VV	26001	541493		
250	16.405	16.388	16.430	VV	29144	651109		
251	16.442	16.430	16.566	VV	23037	1566113		
252	16.577	16.566	16.594	VV	17444	281566		
253	16.606	16.594	16.668	VV	16871	654704	1.53%	0.036%
254	16.688	16.668	16.710	VV	13783	331939	0.77%	0.018%
255	16.731	16.710	16.755	VV	14607	363728	0.85%	0.020%
256	16.779	16.755	16.808	VV	13484	380955	0.89%	0.021%
257	16.816	16.808	16.840	VV	10521	192449	0.45%	0.011%
258	16.853	16.840	16.868	VV	9890	160053	0.37%	0.009%
259	16.888	16.868	16.956	VV	14761	514373	1.20%	0.028%
260	16.974	16.956	16.994	VV	8183	164305	0.38%	0.009%
261	17.001	16.994	17.034	VV	6649	148006	0.34%	0.008%
262	17.044	17.034	17.064	VV	6312	104625	0.24%	0.006%
263	17.073	17.064	17.088	VV	5617	79781	0.19%	0.004%
264	17.097	17.088	17.141	VV	5525	154466	0.36%	0.008%
265	17.148	17.141	17.212	VV	4533	173960	0.41%	0.010%
266	17.234	17.212	17.306	VV	4225	196732	0.46%	0.011%
267	17.355	17.306	17.381	VV	10853	227881	0.53%	0.012%
268	17.401	17.381	17.456	VV	3420	115530	0.27%	0.006%
269	17.467	17.456	17.488	VV	1769	31452	0.07%	0.002%
270	17.508	17.488	17.537	VV	1767	41587	0.10%	0.002%
271	17.550	17.537	17.568	VV	1545	23485	0.05%	0.001%
272	17.625	17.568	17.670	VV	1490	70492	0.16%	0.004%
273	17.731	17.670	17.773	VV	1931	81687	0.19%	0.004%
274	17.806	17.773	17.844	VV	12702	192252	0.45%	0.011%
275	17.855	17.844	17.870	VV	266	2594	0.01%	0.000%
276	17.894	17.870	17.920	VV	1364	20282	0.05%	0.001%
277	17.938	17.920	17.961	VV	657	9455	0.02%	0.001%
278	17.980	17.961	18.020	VV	325	6237	0.01%	0.000%
279	18.034	18.020	18.054	VV	461	3659	0.01%	0.000%
280	18.095	18.054	18.131	PV	422	9629	0.02%	0.001%
281	18.146	18.131	18.153	PV	98	983	0.00%	0.000%
282	18.203	18.153	18.217	VV	2219	40717	0.09%	0.002%
283	18.245	18.217	18.274	VV	17507	253048	0.59%	0.014%
284	18.335	18.274	18.361	VV	2595	50929	0.12%	0.003%
285	18.379	18.361	18.387	VV	358	4008	0.01%	0.000%
286	18.407	18.387	18.426	VV	884	13359	0.03%	0.001%
287	18.447	18.426	18.466	VV	500	7518	0.02%	0.000%
288	18.515	18.466	18.538	PV	1212	23370	0.05%	0.001%
289	18.606	18.538	18.642	PV	12764	268632	0.63%	0.015%
290	18.669	18.642	18.711	VV	21172	319499	0.74%	0.017%
291	18.769	18.711	18.796	VV	1642	39377	0.09%	0.002%
292	18.804	18.796	18.825	VV	437	4845	0.01%	0.000%
293	18.934	18.825	18.951	PV	1133	29624	0.07%	0.002%
294	18.981	18.951	19.002	VV	708	12999	0.03%	0.001%
295	19.079	19.002	19.137	PV	24770	409190	0.95%	0.022%
296	19.179	19.137	19.236	PV	2284	61628	0.14%	0.003%
297	19.251	19.236	19.274	VV	775	12127	0.03%	0.001%
298	19.335	19.274	19.355	VV	1432	28128	0.07%	0.002%
299	19.382	19.355	19.400	VV	1083	21267	0.05%	0.001%

Instrument :

FID_E

ClientSampleId :

500-3B CONCRETE CHIP

2.94% 0.069%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2025

Supervised By :mohammad ahmed 07/15/2025

300	19.443	19.400	19.454	VV	8646	142818	0.33%	0.008%
301	19.477	19.454	19.538	VV	24761	436887		
302	19.569	19.538	19.597	VV	2204	61635		
303	19.636	19.597	19.660	VV	3111	84535		
304	19.684	19.660	19.701	VV	3215	64994		
305	19.727	19.701	19.751	VV	3607	86672		
306	19.777	19.751	19.813	VV	3726	107126	0.25%	0.006%
307	19.864	19.813	19.901	VV	26222	463184	1.08%	0.025%
308	19.941	19.901	19.957	VV	4539	116045	0.27%	0.006%
309	19.979	19.957	20.002	VV	4824	112483	0.26%	0.006%
310	20.057	20.002	20.075	VV	4967	183761	0.43%	0.010%
311	20.106	20.075	20.124	VV	5853	152095	0.35%	0.008%
312	20.154	20.124	20.184	VV	7901	231580	0.54%	0.013%
313	20.240	20.184	20.274	VV	26612	622193	1.45%	0.034%
314	20.352	20.274	20.370	VV	8350	440242	1.03%	0.024%
315	20.490	20.370	20.514	VV	12162	865416	2.02%	0.047%
316	20.524	20.514	20.539	VV	11602	162527	0.38%	0.009%
317	20.605	20.539	20.635	VV	30558	988202	2.30%	0.054%
318	20.643	20.635	20.668	VV	15172	283250	0.66%	0.015%
319	20.676	20.668	20.694	VV	13741	217591	0.51%	0.012%
320	20.776	20.694	20.810	VV	20997	1096693	2.56%	0.060%
321	20.831	20.810	20.871	VV	16334	568691	1.33%	0.031%
322	20.883	20.871	20.912	VV	15051	350800	0.82%	0.019%
323	20.933	20.912	20.940	VV	13574	221297	0.52%	0.012%
324	20.975	20.940	21.021	VV	25019	840064	1.96%	0.046%
325	21.074	21.021	21.114	VV	14663	767202	1.79%	0.042%
326	21.148	21.114	21.197	VV	14163	643178	1.50%	0.035%
327	21.233	21.197	21.261	VV	12408	463751	1.08%	0.025%
328	21.288	21.261	21.328	VV	11566	448066	1.04%	0.025%
329	21.386	21.328	21.444	VV	21959	950832	2.22%	0.052%
330	21.453	21.444	21.471	VV	10149	159286	0.37%	0.009%
331	21.505	21.471	21.521	VV	10052	291019	0.68%	0.016%
332	21.568	21.521	21.632	VV	9496	615139	1.43%	0.034%
333	21.677	21.632	21.694	VV	8153	301674	0.70%	0.017%
334	21.728	21.694	21.771	VV	8956	373931	0.87%	0.020%
335	21.849	21.771	21.941	VV	12324	750686	1.75%	0.041%
336	21.966	21.941	21.976	VV	3959	79958	0.19%	0.004%
337	21.984	21.976	22.011	VV	3747	74444	0.17%	0.004%
338	22.014	22.011	22.031	VV	3225	36463	0.08%	0.002%
339	22.042	22.031	22.047	VV	2941	27267	0.06%	0.001%
340	22.106	22.047	22.213	VV	3201	223227	0.52%	0.012%
341	22.246	22.213	22.318	VV	1197	42518	0.10%	0.002%
Sum of corrected areas:					1827905240			

Instrument :
FID_E
ClientSampleId :
500-3B CONCRETE CHIP

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Aliphatic EPH 062725.M Sat Jul 12 03:31:32 2025