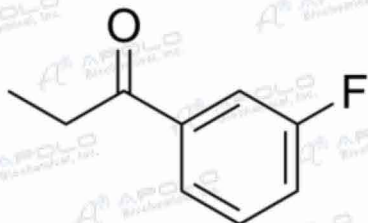


CERTIFICATE OF ANALYSIS

Product Name: 1-(3-Fluorophenyl)propan-1-one

Chemical Structure:



Lot Number: 260016CSW016300

CAT Number: APL-0455674

CAS Registry Number: 455-67-4

Manufacture Date: 02/2023

Expiry Date: 02/2025

Molecular Formula: C₉H₉FO

Molecular Weight: 152.17

Storage: RT

Analysis Data

Item	Specification	Results
Appearance	Colorless to off-white (Solid-liquid mixture)	Conforms
¹ H NMR Spectrum	Consistent with structure	Conforms
Purity (HPLC)	≥ 97.00 %	97.01 %
Water (KF)	≤ 0.30 %	0.11 %

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

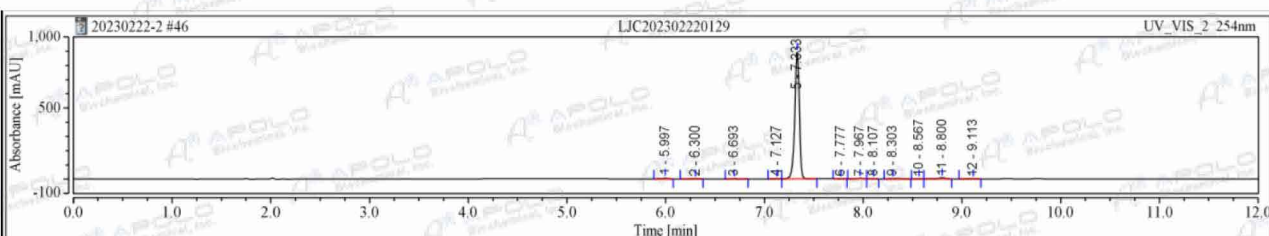
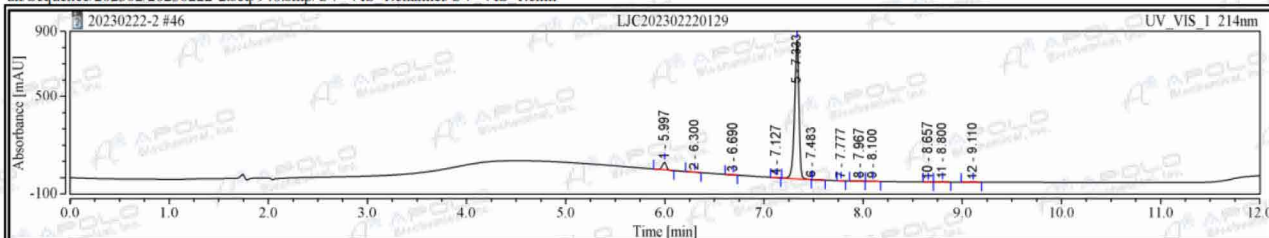


Jennifer LaBrecque 02/2023
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO

Chromatogram and Results

Sample ID: LJC202302220129 CAS NO.: 455-67-4
Batch No.: Channel: UV_VIS_1
Vial Number: GA4 Wavelength: 214.0
Injection Type: Unknown Injection Volume: 5.00
Instrument: LC10410 Injection Time: 23/02/2023 01:59
Instrument Method: 10-80A-12min(LP-HPLC) InstMeth.creation: 115/04/2022 17:33
Processing Method: LJC202302220129 Last update: 23/02/2023 08:47
seq.creation_operator: Azhangl
an/Sequence/202302/20230222-2.seq/940.smp/UV_VIS_1.channel/UV_VIS_1.chm



No.	Retention Time [min]	Area [mAU*min]	Height [mAU]	Plates (USP)	Resolution (USP)	Asymmetry (USP)	Rel.Area %	Peak Name
1	5.997	2.155	47.247	117238	4.16	0.87	4.654	
2	6.300	0.050	1.032	110653	5.24	0.86	0.108	
3	6.690	0.013	0.266	134292	5.67	0.73	0.027	
4	7.127	0.009	0.189	124176	2.59	0.84	0.020	
5	7.333	43.516	852.413	139423	1.95	0.86	93.992	
6	7.483	0.067	0.000	158079	4.22	n.a.	0.146	
7	7.777	0.006	0.156	237262	2.70	1.09	0.013	
8	7.967	0.115	2.301	171386	1.65	0.79	0.249	
9	8.100	0.070	1.279	147988	6.27	0.93	0.151	
10	8.657	0.012	0.227	137967	1.46	1.06	0.027	
11	8.800	0.157	2.401	115224	2.97	0.93	0.340	
12	9.110	0.127	1.869	120802	n.a.	0.88	0.273	
Total:		46.298	909.381		38.89			

No.	Retention Time [min]	Area [mAU*min]	Height [mAU]	Plates (USP)	Resolution (USP)	Asymmetry (USP)	Rel.Area %	Peak Name
1	5.997	0.309	6.665	116115	4.10	0.83	0.638	
2	6.300	0.102	1.980	105592	5.09	0.86	0.210	
3	6.693	0.022	0.413	120777	4.83	1.24	0.045	
4	7.127	0.030	0.497	77784	2.26	0.76	0.063	
5	7.333	47.021	891.669	131119	5.44	0.86	97.016	
6	7.777	0.016	0.301	144278	2.32	0.83	0.034	
7	7.967	0.255	4.796	152018	1.78	0.84	0.527	
8	8.107	0.012	0.241	185062	1.90	0.84	0.024	
9	8.303	0.030	0.261	63553	2.23	1.60	0.062	
10	8.567	0.005	0.083	107654	2.22	0.81	0.011	
11	8.800	0.565	8.018	110347	2.95	0.84	1.165	
12	9.113	0.099	1.420	116917	n.a.	0.81	0.205	
Total:		48.467	916.344		35.12			

