

TEST REPORT

Hangzhou New Asia International Co., Ltd.

Add: 189 FENGQI EAST ROAD, TSN PLAZA 4-706, Hangzhou, 310020, China

Tel: 86-571-85815391

1. SAMPLE DESCRIPTION

Product Name	Baical Skullcap Root
Batch Number	HK211008
AIE Number	21100913
Sample Package	PP bag
Sample Appearance	Brownish yellow root
Sample Received	2021.10.09
Start of Analysis	2021.10.09
End of Analysis	2021.10.12

Report Authorization:



Vincent Huang – Quality and Technical Director



Date: 2021.10.13

2. RESULTS

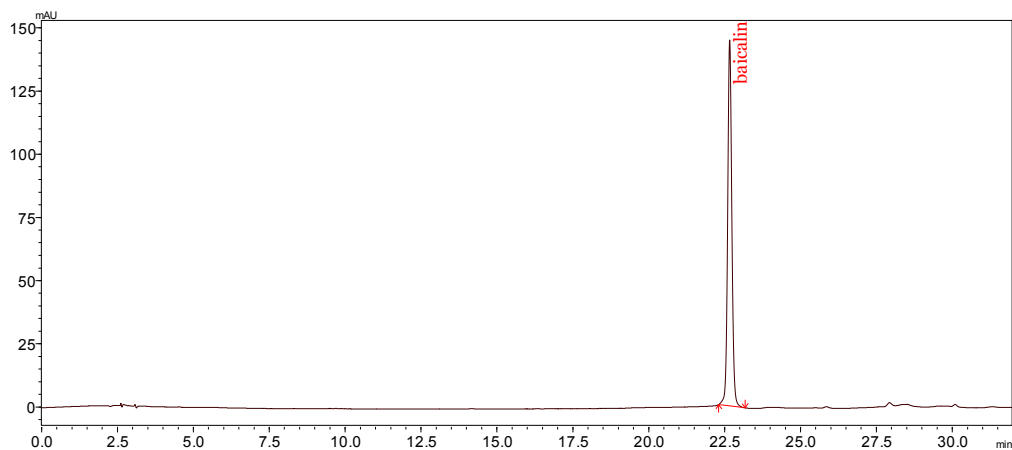
Items	Units	Results	EP Spec.	Methods
Loss on drying	%	14.8	<12.0	EP9.0
Total Ash	%	4.77	<6.0	EP9.0
Ash Insoluble in hydrochloric acid	%	0.64	<2.0	EP9.0
Baicalin	%	13.0	>9.0	EP9.0

Items	Units	Results	LOQ	Methods
Pb	ppm (mg/kg)	0.13	0.01	ICP-MS
As	ppm (mg/kg)	0.069	0.01	
Cd	ppm (mg/kg)	0.013	0.005	
Hg	ppm (mg/kg)	0.040	0.005	

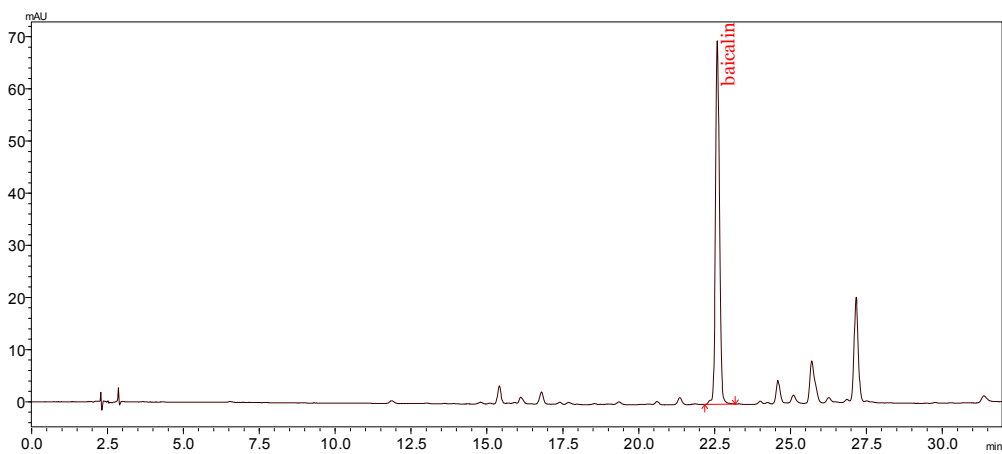
Pesticides	Units	Results	EP Limit	Methods
Fenvalerate	ppm	0.080	<1.5	GC-MS QuEChERS AOAC 2007.1
Other 277 pesticides are less than LOQs				

3. HPLC CHROMATOGRAMS

Standard



Sample



4. 278 PESTICIDES LIST

No.	English Name	LOQ (ppm)	No.	English Name	LOQ (ppm)
1	2,4-D Butyl ester	0.01	140	Fluvalinate	0.01
2	4,4'-Dichlorobenzophenone	0.01	141	Formothion(unstable concentrated form)	0.01
3	α -BHC	0.01	142	Fosthiazate	0.01
4	Acephate	0.01	143	Fthalide	0.01
5	Acequinocyl	0.01	144	Halfenprox	0.01
6	Acetochlor	0.01	145	Hexachlorobenzene (HCB)	0.01
7	Acrinathrin	0.01	146	Hexaconazole	0.01
8	α -Endosulfan	0.01	147	Hexazinone	0.01
9	Alachlor	0.01	148	Imibenconazole	0.01
10	Aldrin	0.01	149	Imibenconazole-des-benzyl	0.01
11	Allethrin	0.01	150	Indoxacarb	0.01
12	Ametryn	0.01	151	Iprobenfos	0.01
13	Anilofos	0.01	152	Iprodione	0.01
14	Aramite	0.01	153	Isazophos	0.01
15	Atrazine	0.01	154	Isocarbofos	0.01
16	Azaconazole	0.01	155	Isofenphos	0.01
17	Azinphos-methyl	0.01	156	Isofenphos-oxon	0.01
18	β -BHC	0.01	157	Isoprocarb (MIPC,Mipcin)	0.01
19	Benalaxyl	0.01	158	Isoprothiolane	0.01
20	Bendiocarb	0.02	159	Isoxathion (Karphos)	0.01
21	β -Endosulfan	0.05	160	Isoxathion oxon	0.01
22	Benfluralin	0.01	161	Kresoxim-methyl	0.01
23	Benfuresate	0.01	162	Lenacil	0.01
24	Benoxacor	0.01	163	Lindane (r-BHC)	0.01
25	Bifenox	0.01	164	Malathion	0.01
26	Bifenthrin	0.01	165	Mecarbam	0.01
27	Bitertanol	0.01	166	Mefenacet	0.01
28	Bromacil	0.01	167	Mefenpyr-diethyl	0.01
29	Bromobutide	0.01	168	Mepronil	0.01
30	Bromophos-ethyl	0.01	169	Mercaptodimethur	0.01
31	Bromophos-methyl	0.01	170	Metalaxyl	0.01
32	Bromopropylate	0.01	171	Methamidophos	0.01
33	Bupirimate	0.01	172	Methidathion	0.01
34	Buprofezin	0.01	173	Methoprene (mixture of isomers)	0.01
35	Butachlor	0.01	174	Methoxychlor	0.01
36	Butamifos	0.01	175	Metolachlor	0.01
37	Butylate	0.01	176	Metominostrobin(E)	0.01
38	Cadusafos	0.01	177	Metominostrobin(Z)	0.01
39	Cafenstrole	0.01	178	Mevinphos	0.01
40	Captafol	0.01	179	Monocrotophos	0.01
41	Captan	0.01	180	Myclobutanil	0.01
42	Carbaryl	0.01	181	Napropamide	0.01
43	Carbofuran	0.01	182	Nitrofen	0.01
44	Carbofuran-3-hydroxy	0.01	183	Nitrothal-isopropyl	0.01

45	Carbophenothion	0.01	184	Norflurazon	0.01
46	Carboxin	0.01	185	o, p'-DDT	0.01
47	Carfentrazone-ethyl	0.01	186	Oryzalin	0.01
48	Chinomethionat	0.01	187	Oxadiazon	0.01
49	Chlorbenside	0.01	188	Oxadixyl	0.01
50	Chlorbufam	0.01	189	Oxyfluorfen	0.01
51	Chlorethoxyfos	0.01	190	p, p'-DDD	0.01
52	Chlorfenapyr	0.01	191	p, p'-DDE	0.01
53	Chlorfenson	0.01	192	p, p'-DDT	0.01
54	Chlorfenvinphos-E	0.01	193	Paclobutrazol	0.01
55	Chlorobenzilate	0.01	194	Parathion	0.01
56	Chloroneb	0.01	195	Parathion-methyl	0.01
57	Chlorpropham	0.01	196	Penconazole	0.01
58	Chlorpyrifos ethy	0.01	197	Pendimethalin	0.01
59	Chlorpyrifos methyl	0.01	198	Permethrin	0.01
60	Chlorthal-dimethyl(Dacthal)	0.01	199	Perthane	0.01
61	Chlozolate	0.01	200	Phenothrin	0.01
62	Cinidon-ethyl	0.01	201	Phenthoate	0.01
63	Clomazone	0.01	202	Phorate-sulfoxide	0.01
64	Cyanazine	0.01	203	Phosalone	0.01
65	Cyanophos	0.01	204	Phosmet	0.01
66	Cyfluthrin	0.01	205	Phosphamidon	0.01
67	Cyhalofop-butyl	0.01	206	Picolinafen	0.01
68	Cyhalothrin	0.01	207	Piperonyl butoxide	0.01
69	Cypermethrin	0.01	208	Piperophos	0.01
70	Cyproconazole	0.01	209	Pirimicarb	0.01
71	δ-BHC	0.01	210	Pirimiphos-methyl	0.01
72	DEF(Tribufos)	0.01	211	Pretilachlor	0.01
73	Deltamethrin	0.01	212	Procymidone	0.01
74	Demeton-s-methyl	0.01	213	Profenofos	0.01
75	Diallate	0.01	214	Prohydrojasmon	0.01
76	Diazinon	0.01	215	Prometryn	0.01
77	Dichlofenthion	0.01	216	Propachlor	0.01
78	Dichlofluanid	0.01	217	Propanil	0.01
79	Dichlorvos (DDVP)	0.01	218	Propaphos	0.01
80	Diclocymet	0.01	219	Propargite(BPPS)	0.01
81	Diclofop-methyl	0.01	220	Propazine	0.01
82	Dicloran	0.01	221	Propiconazole	0.01
83	Dicrotophos	0.01	222	Propoxur	0.01
84	Dieldrin	0.01	223	Propyzamide	0.01
85	Diethofencarb	0.01	224	Prothiofos	0.01
86	Difenoconazole	0.01	225	Pyraclufos	0.01
87	Diflufenican	0.01	226	Pyraflufen-ethyl	0.01
88	Dimepiperate	0.01	227	Pyrazophos	0.01
89	Dimethametryn	0.01	228	Pyrazoxyfen (SL-49)	0.01
90	Dimethenamid	0.01	229	Pyributicarb	0.01
91	Dimethipin	0.01	230	Pyridaben	0.01
92	Dimethoate	0.01	231	Pyridaphenthion	0.01
93	Dimethylvinphos	0.01	232	Pyrifenoxy(E)	0.01

94	Dioxathion	0.01	233	PyrifenoX(Z)	0.01
95	Diphenamid	0.01	234	Pyrimethanil	0.01
96	Disulfoton	0.01	235	Pyrimidifen	0.01
97	Disulfoton sulfone	0.01	236	Pyriminobac-methyl(E)	0.01
98	Edifenphos	0.01	237	Pyriminobac-methyl(Z)	0.01
99	Endrin	0.01	238	Pyriproxyfen	0.01
100	EPN	0.01	239	pyroquilon	0.01
101	Epoxiconazole	0.01	240	Quinalphos	0.01
102	EPTC	0.01	241	Quinoclamine	0.01
103	Esprocarb	0.01	242	Quinoxifen	0.01
104	Ethalfuralin	0.01	243	Quintozene	0.01
105	Ethiofencarb	0.01	244	Resmethrin	0.01
106	Ethion	0.01	245	S421	0.01
107	Ethofenprox	0.01	246	Silafluofen	0.01
108	Ethofumesate	0.01	247	Simazine	0.01
109	Ethoprophos	0.01	248	Simetryn	0.01
110	Etoxazole	0.01	249	Spirodiclofen	0.01
111	Etrimfos	0.01	250	Spiroxamin	0.01
112	Fenamidone	0.01	251	TCMTB	0.01
113	Fenamiphos	0.01	252	Tebuconazole	0.01
114	Fenarimol	0.01	253	Tebufenpyrad	0.01
115	Fenbuconazole	0.01	254	tecnazene	0.01
116	Fenclorphos	0.01	255	Tefluthrin	0.01
117	Fenitrothion	0.01	256	Terbacil	0.01
118	Fenobucarb	0.01	257	Terbucarb (MBPMC)	0.01
119	Fenothiocarb	0.01	258	Terbufos	0.01
120	Fenoxanil	0.01	259	Tetrachlorvinphos	0.01
121	Fenpropathrin	0.01	260	Tetraconazole	0.01
122	Fenpropimorph	0.01	261	Tetradifon	0.01
123	Fensulfothion	0.05	262	Thenylchlor	0.01
124	Fenthion	0.01	263	Thifluzamide	0.01
125	Fenvalerate	0.05	264	Thiobencarb	0.01
126	Fipronil	0.01	265	Thiometon	0.01
127	Flampropmethyl	0.01	266	Tolclofos-methyl	0.01
128	Fluacrypyrim	0.01	267	Tolfenpyrad	0.01
129	Flucythrinate	0.01	268	Triadimefon	0.01
130	Fludioxonil	0.01	269	Triadimenol	0.01
131	Flufenpyr-ethyl	0.01	270	Triallate	0.01
132	Flumiclorac-pentyl	0.01	271	Triazophos	0.01
133	Flumioxazin	0.01	272	Tricyclazole	0.01
134	Fluquinconazole	0.01	273	Trifloxystrobin	0.01
135	Fluridone	0.01	274	Trifluralin	0.01
136	Flusilazole	0.01	275	Uniconazole-P	0.01
137	Fluthiacet methyl	0.01	276	Vinclozolin	0.01
138	Flutolanil	0.01	277	XMC	0.01
139	Flutriafol	0.01	278	Zoxamide	0.01

5. SAMPLE PICTURES

