

# Test Report

No. SZXEC2200532501

Date: 11 Mar 2022

Page 1 of 8

Client Name : AKKU TRONICS NEW ENERGY TECHNOLOGY CO., LIMITED

Client Address : NO.529, FLOOR 5, HUICHAO BUILDING, BAO'AN AVENUE, XIXIANG STREET, BAO'AN DISTRICT, SHENZHEN, CHINA

Sample Name : Rechargeable Li-ion Polymer Battery

Model No. : 502030

Country of Origin : CHINA

The above sample(s) and information were provided by the client.

SGS Job No. : RP22-003766 - SZ

Date of Sample Received : 04 Mar 2022

Testing Period : 04 Mar 2022 - 11 Mar 2022

Test Requested : Selected test(s) as requested by client.

Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
European Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU- Heavy Metals Content in Batteries and Accumulators	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch



Tina Fan  
Approved Signatory

scan to see the report



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SZX22-005325.001	"Battery"

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected ( < MDL )
- (4) "-" = Not Regulated

**European Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU- Heavy Metals Content in Batteries and Accumulators**

Test Method : Acid digestion method, analysis was performed by ICP-OES or AAS or Hg-analyzer.

Test Item(s)	Limit	Unit	MDL	MDL
Cadmium (Cd)	0.0020	%(w/w)	0.0010	ND
Lead (Pb)	-	%(w/w)	0.0010	ND
Mercury (Hg)	0.0005	%(w/w)	0.0001	ND
<b>Comment</b>				<b>Pass</b>

Notes :

- (1) Results shown are of total weight of the battery sample.
- (2) According to the European Directive 2006/66/EC and its Article 4 amendment of Directive 2013/56/EU, all types of battery shall include the chemical symbol Lead when containing more than 0.004% of Pb.



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REMARK:

1	102535	34	303040	67	401430	100	453048
2	102035	35	303048	68	401725	101	453445
3	102050	36	303439	69	401730	102	454248
4	103035	37	303450	70	401823	103	454261
5	103040	38	303840	71	402025	104	464854
6	103450	39	304040	72	402030	105	469094
7	104041	40	305365	73	402035	106	471045
8	104043	41	322033	74	402040	107	471215
9	104050	42	322238	75	402060	108	472023
10	104060	43	323450	76	402448	109	484450
11	104149	44	331030	77	403448	110	500937
12	104242	45	331223	78	422122	111	501235
13	104270	46	333448	79	422441	112	501240
14	105050	47	334561	80	423035	113	501417
15	105590	48	342060	81	423157	114	501935
16	113442	49	342252	82	423756	115	502025
17	114555	50	342530	83	424763	116	502027
18	153040	51	351752	84	427190	117	502030
19	185471	52	353030	85	431035	118	502035
20	231517	53	353450	86	432533	119	502238
21	251018	54	355771	87	433056	120	502248
22	251515	55	362252	88	433450	121	502530
23	252030	56	374441	89	451225	122	502535
24	264046	57	381120	90	451230	123	502837
25	283256	58	381844	91	451265	124	502934
26	301317	59	382530	92	451575	125	503030
27	301324	60	383038	93	451730	126	503035
28	301646	61	383840	94	452048	127	503040
29	302030	62	395158	95	452223	128	503045
30	302248	63	401020	96	452428	129	503048
31	302535	64	401055	97	452526	130	503237
32	302934	65	401132	98	452626	131	503448
33	303032	66	401235	99	453038	132	503759



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17	114555	50	342530	83	424763	116	502027
18	153040	51	351752	84	427190	117	502030
19	185471	52	353030	85	431035	118	502035
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25	283256	58	381844	91	451265	124	502934
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29	302030	62	395158	95	452223	128	503045
30	302248	63	401020	96	452428	129	503048
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133	504243	166	576091	199	645097	232	722080
134	504462	167	578398	200	645987	233	744798
135	505452	168	581219	201	651248	234	751524
136	505798	169	583465	202	651419	235	751671
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138	511422	171	601220	204	652020	237	752050
139	514045	172	601265	205	653040	238	752742
140	523450	173	601663	206	654045	239	753775
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143	531748	176	601842	209	676091	242	772530
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146	534863	179	602035	212	682634	245	782248
147	535056	180	602040	213	683465	246	783045
148	541024	181	602045	214	701340	247	784860
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151	542257	184	603030	217	701640	250	802040
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155	552035	188	604846	221	702530	254	803270
156	552238	189	604860	222	702535	255	803443
157	553030	190	605092	223	703035	256	803450
158	553040	191	606090	224	703048	257	803540
159	554856	192	621485	225	703450	258	804050
160	555068	193	623040	226	703470	259	804060
161	564551	194	623448	227	704050	260	804450
162	571885	195	633453	228	705085	261	804680
163	573442	196	635095	229	706091	262	805050
164	573448	197	643496	230	707288	263	805080
165	575274	198	644798	231	711260	264	805085



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265	805252	286	974499	307	272928H
266	821730	287	984860	308	282028G
267	844069	288	984962	309	333448H
268	852934	289	3649135	310	415079H
269	854166	290	3829127	311	423056N
270	862030	291	4562107	312	453232H
271	863343	292	6060100	313	502826H
272	882135	293	6558110	314	502928H
273	883050	294	7052101	315	503030H
274	883566	295	7954100	316	542257N
275	901458	296	8032117	317	602928G
276	902025	297	8219120	318	652030S
277	902040	298	8551116	319	653035H
278	902540	299	9055160	320	683496G
279	902830	300	9060100	321	753679G
280	903042	301	9759156	322	933475G
281	906090	302	11561150	323	9759156P
282	913947	303	882236		
283	953445	304	102737G		
284	954060	305	103450H		
285	974173	306	253030H		



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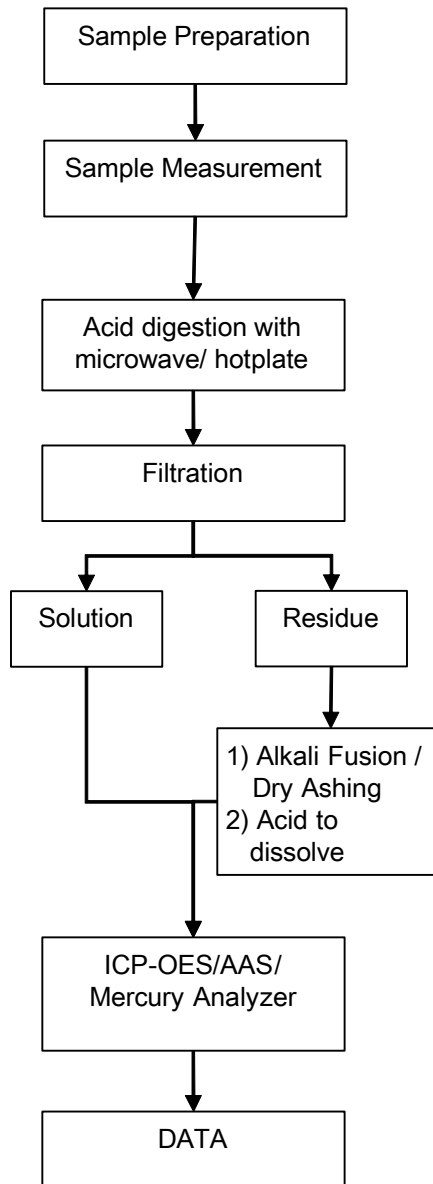
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Battery Testing Flow Chart

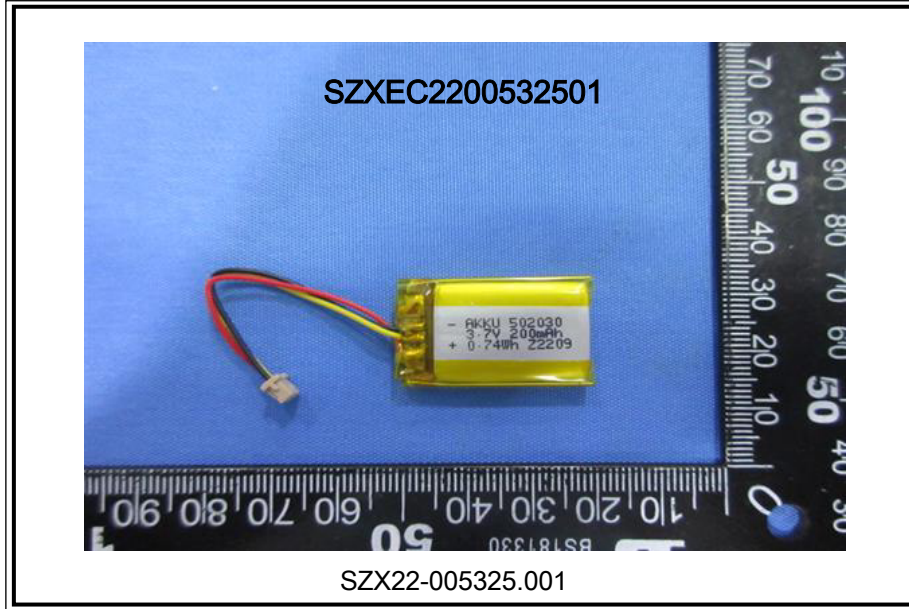


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