



Test Report

Report No: BSTDGD40234073122003FHR

Date: Dec. 20, 2023

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Applicant : Nanjing JNTIMUYA New Energy Technology Co., Ltd.

Address : Rm 107, Build 1, Apple City Build, No. 228, Tianyuan East Rd, Jiangning Dist, Nanjing, Jiangsu, China

Manufacturer : Nanjing JNTIMUYA New Energy Technology Co., Ltd.

Address : Rm 107, Build 1, Apple City Build, No. 228, Tianyuan East Rd, Jiangning Dist, Nanjing, Jiangsu, China

The following sample(s) was /were submitted and identified on behalf of the clients as:

Sample Name : EV CHARGER

Model : TAP-32, SEE ANNEX

Sample Received Date : Dec. 15, 2023

Testing Period : Dec. 15, 2023 To Dec. 20, 2023

Test Requested : Selected test (s) in the selected parts as requested by client with the RoHS 2 Directive 2011/65/EU Annex II (EU) 2015/863 as last amended by Directive (EU) 2017/2102.

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

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

Signed for and on behalf of

Richard LWO/Approved Signatory

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Dongguan BST Testing Co., Ltd.

4/F., No.11, Chaomei Industrial Park, No.1445, Donghai Road,
Yongan Community, Yantian Subdistrict, Yantian District, Shenzhen,
Guangdong, China

Tel: 400-8829628/ 800-9990305
Http://www.bst-lab.com E-mail: christina@bst-lab.com



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Test Content:

Test Item(s)	Test Method	Reference	Unit	Limit	MDL
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES	mg/kg	100	2
Lead(Pb)	IEC 62321-5:2013	ICP-OES	mg/kg	1000	2
Mercury(Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES	mg/kg	1000	2
Hexavalent Chromium(CrVI) (Metal)	IEC 62321-7-1:2015	UV-Vis	µg/cm ²	0.13	0.1
Hexavalent Chromium(CrVI) (Nonmetal)	IEC 62321-7-2:2017	UV-Vis	mg/kg	1000	8
PBBs (Next form)	IEC 62321-6:2015	GC-MS	mg/kg	1000	5
PBDEs (Next form)	IEC 62321-6:2015	GC-MS	mg/kg	1000	5
Dibutyl Phthalate(DBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Butyl benzyl phthalate (BBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Di-(2-ethylhexyl) Phthalate(DEHP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Diisobutyl phthalate (DIBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30

PBBs		PBDEs	
Monobromobiphenyl	Hexabromobiphenyl	Monobromodiphenyl ether	Hexabromodiphenyl ether
Dibromobiphenyl	Heptabromobiphenyl	Dibromodiphenyl ether	Heptabromodiphenyl ether
Tribromobiphenyl	Octabromobiphenyl	Tribromodiphenyl ether	Octabromodiphenyl ether
Tetrabromobiphenyl	Nonabromobiphenyl	Tetrabromodiphenyl ether	Nonabromodiphenyl ether
Pentabromobiphenyl	Decabromobiphenyl	Pentabromodiphenyl ether	Decabromodiphenyl ether

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Sample Description :

No.	Description	Name
1	plastic	Black plastic case
2	light	Indicator light
3	light reader	light reader
4	User card	User card
5	plastic	The abrupt stop switch
6	display	display
7	metal	screw
8	Terminal fixture	Terminal fixture
9	gun holder	European standard gun holder
10	guide	guide
11	metal	Cu stud
12	metal	Single-sided guard coil
13	antenna	European standard 4G antenna
14	Ac circuit breaker	Ac circuit breaker
15	Current transformer	Current transformer
16	Main control board	Main control board
17	cable	cable
18	plastic	The black line skin
19	metal	Wire core
20	Ac charging gun	Ac charging gun
21	Ethernet cable	Ethernet cable
22	Crystal head	Crystal head
23	The Internet card	The Internet card

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No.	Description	Name
24	4G networking module components	4G networking module components

Test Results:

Test Item(s)	No.1	No.2	No.3	No.4	No.5
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	N.D.	N.D.	N.D.	N.D.	N.D.
PBDEs	N.D.	N.D.	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	N.D.	N.D.	N.D.	N.D.	N.D.
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	N.D.	N.D.

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Test Item(s)	No.6	No.7	No.8	No.9	No.10
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	N.D.	--	N.D.	N.D.	N.D.
PBDEs	N.D.	--	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	--	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	N.D.	--	N.D.	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	N.D.	--	N.D.	N.D.	N.D.
Diisobutyl phthalate (DIBP)	N.D.	--	N.D.	N.D.	N.D.

Test Item(s)	No.11	No.12	No.13	No.14	No.15
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	--	--	N.D.	N.D.	N.D.
PBDEs	--	--	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	--	--	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	--	--	N.D.	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	--	--	N.D.	N.D.	N.D.
Diisobutyl phthalate (DIBP)	--	--	N.D.	N.D.	N.D.

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Test Item(s)	No.16	No.17	No.18	No.19	No.20
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	N.D.	N.D.	N.D.	--	N.D.
PBDEs	N.D.	N.D.	N.D.	--	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	--	N.D.
Butyl benzyl phthalate (BBP)	N.D.	N.D.	N.D.	--	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	N.D.	N.D.	N.D.	--	N.D.
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	--	N.D.

Test Item(s)	No.21	No.22	No.23	No.24
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.
PBBs	N.D.	N.D.	N.D.	N.D.
PBDEs	N.D.	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	N.D.	N.D.	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	N.D.	N.D.	N.D.	N.D.
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	N.D.

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Note:

1. mg/kg= ppm
2. N.D.= Not Detected(<MDL)
3. MDL = Method Detection Limit
4. -- = No Testing
5. when Cr(VI) in a sample is detected below the 0.10 $\mu\text{g}/\text{cm}^2$ LOQ (limit of quantification), the sample is considered to be negative for Cr(VI). Since Cr(VI) may not be uniformly distributed in the coating even within the same sample batch, a "grey zone" between 0.10 $\mu\text{g}/\text{cm}^2$ and 0.13 $\mu\text{g}/\text{cm}^2$ has been established as "inconclusive" to reduce inconsistent results due to unavoidable coating variations. In this case, additional testing may be necessary to confirm the presence of Cr(VI). When Cr(VI) is detected above 0.13 $\mu\text{g}/\text{cm}^2$, the sample is considered to be positive for the presence of Cr(VI) in the coating layer. unavoidable coating variations may influence the determination Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

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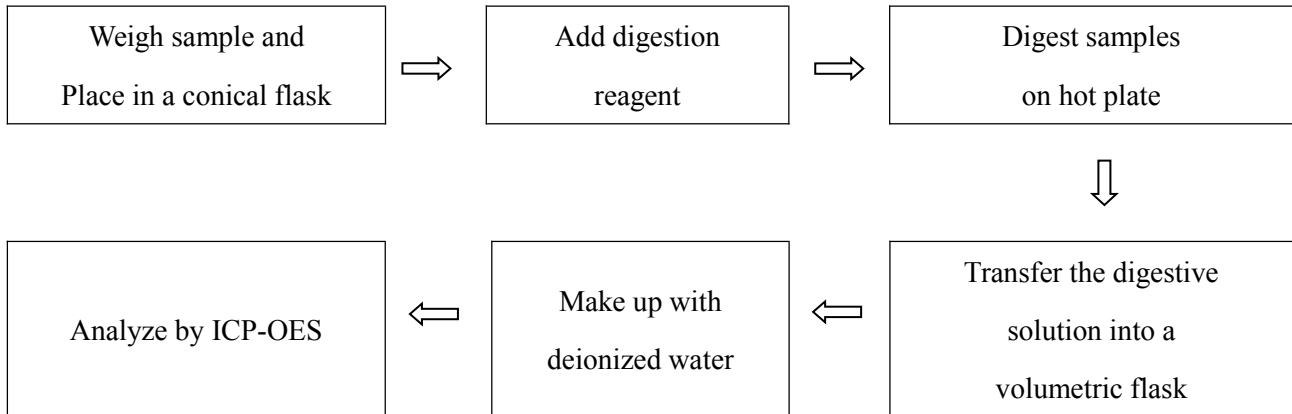
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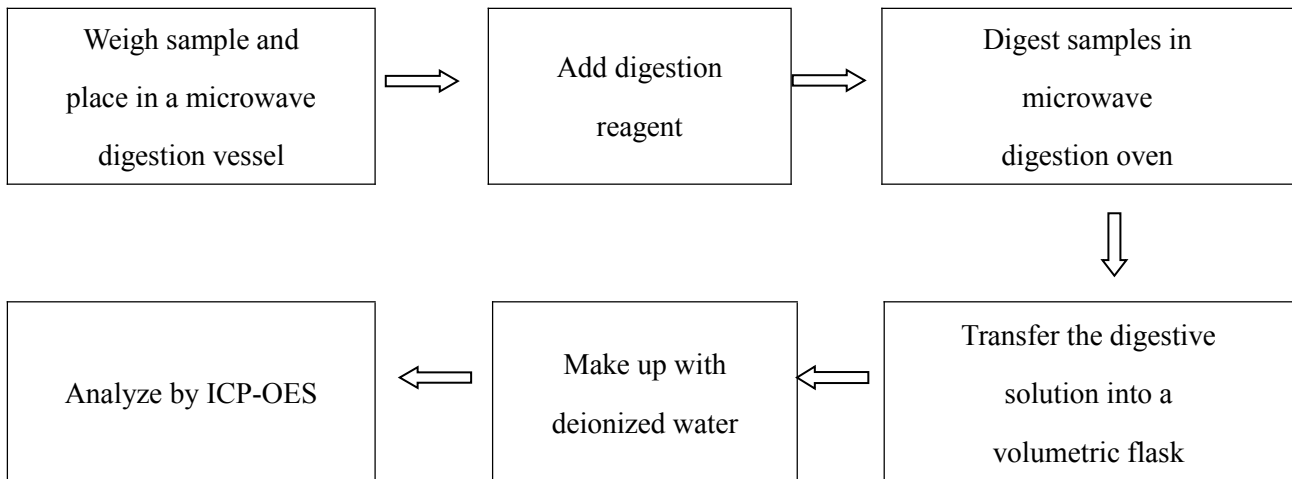
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Test Process:

1. Test for Cd/Pb Content



2. Test for Hg Content



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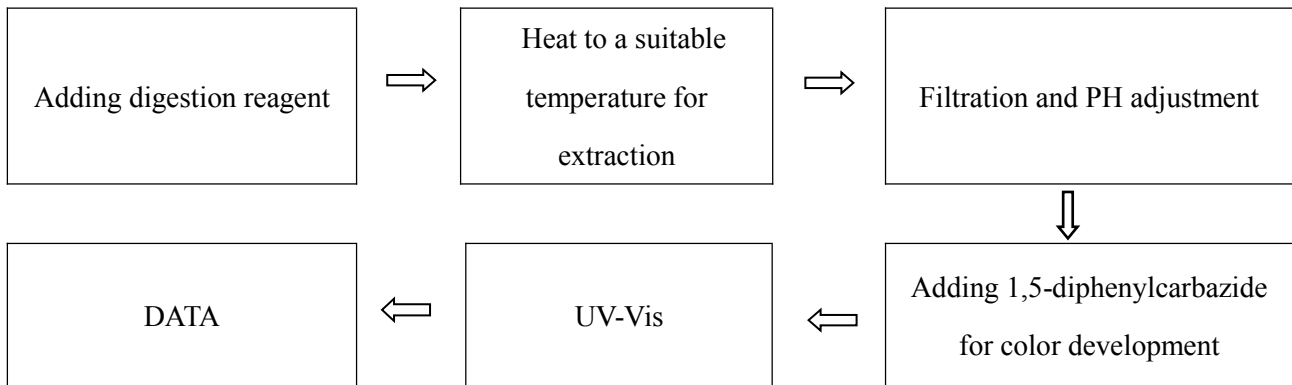
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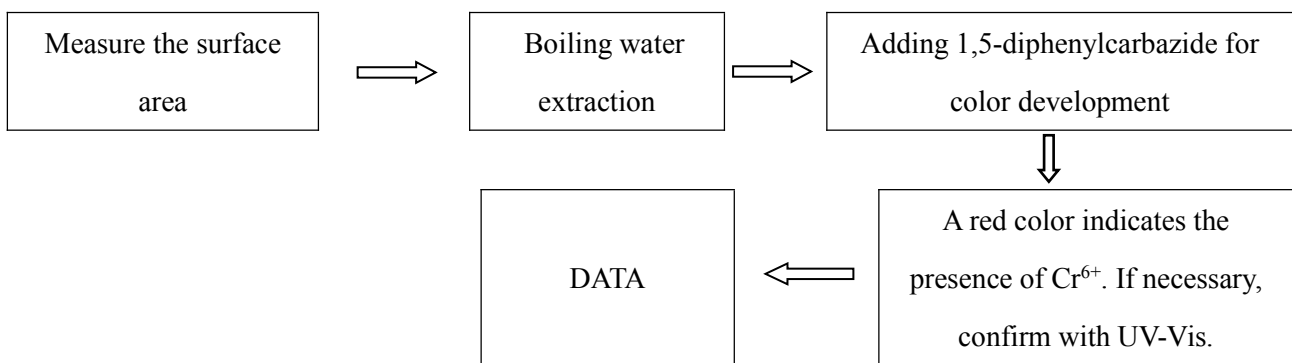
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3. Test for Chromium (VI) Content

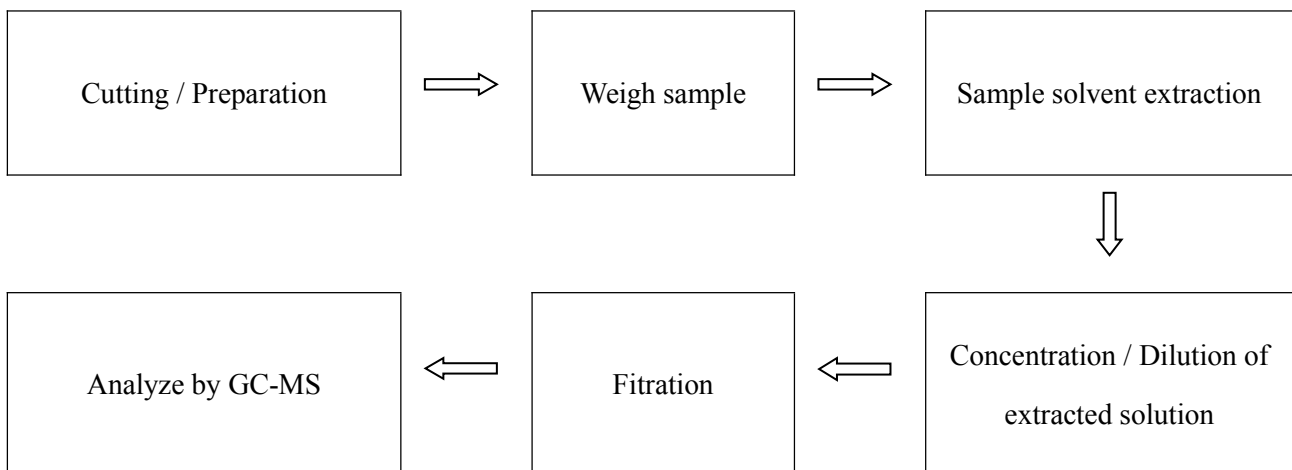
Nonmetal material



Metal material



4. Test for DBP, BBP, DEHP, DIBP, PBB, PBDE Content



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ANNEX

Additional Model:

TAP-16, TAP-16-EU, TAP-16-US, TAP-16-TS, TAP-32-EU, TAP-32-US, TAP-32-TS, TAP-40, TAP-48, TAP-80, TAP-11, TAP-21, TAP-22, TAP-11KW, TAP-21KW, TAP-22KW, TAP-PRO, TAP-PLUS, TAP-16-PRO, TAP-16-PLUS, TAP-32-PRO, TAP-32-PLUS, TAP-40-PRO, TAP-40-PLUS, TAP-48-PRO, TAP-48-PLUS, TAP-80-PRO, TAP-80-PLUS, TDC-01, TDC-02, TDC-03, TDC-04, TDC-05, TDC-06, TDC-07, TDC-08, TDC-09, TDC-10, TDC-16, TDC-18, TDC-19, TDC-20, TDC-30, TDC-40, TDC-50, TDC-60, TDC-70, TDC-80, TDC-90, TDC-79, TDC-97, TDC-99, TDC-Pro, TDC-PLUS, TDC-18-Pro, TDC-18-PLUS, TDC-19-Pro, TDC-19-PLUS, TDC-79-Pro, TDC-79-PLUS, TDC-2008-Pro, TDC-2008-PLUS, TDC-99-Pro, TDC-99-PLUS, TDC-120, TDC-120-PRO, TDC-120-PLUS, TDC-200, TDC-600, TDC-800, TDC-1000, TAW, TAW-7, TAW-11, TAW-21, TAW-22, TAW-14, TAW-01, TAW-09, TAW-10, TAE-20, TAW-30, TAW-60, TAW-70, TAW-80, TAW-90, TAW-99, TAW-88, TAW-79, TAW-97, TAW-50, TAW-16, TAW-32, TAW-PRO, TAW-7-PRO, TAW-11-PRO, TAW-21-PRO, TAW-22-PRO, TAW-14-PRO, TAW-01-PRO, TAW-09-PRO, TAW-10-PRO, TAE-20-PRO, TAW-30-PRO, TAW-60-PRO, TAW-70-PRO, TAW-80-PRO, TAW-90-PRO, TAW-99-PRO, TAW-88-PRO, TAW-79-PRO, TAW-97-PRO, TAW-5-PRO, TAW-16-PRO, TAW-32-PRO, T2168-16, T2168-32, T2168-40, T2168-50, T2168-16-Pro, T2168-32-Pro, T2168-40-Pro, T2168-50-Pro, T2168-16-Plus, T2168-32-Plus, T2168-40-Plus, T2168-50-Plus, TAW-PLUS, TAW-7-PLUS, TAW-11-PLUS, TAW-21-PLUS, TAW-22-PLUS, TAW-14-PLUS, TAW-01-PLUS, TAW-09-PLUS, TAW-10-PLUS, TAE-20-PLUS, TAW-30-PLUS, TAW-60-PLUS, TAW-70-PLUS, TAW-80-PLUS, TAW-90-PLUS, TAW-99-PLUS, TAW-88-PLUS, TAW-79-PLUS, TAW-97-PLUS, TAW-50-PLUS, TAW-16-PLUS, TAW-32-PLUS, TAP-16-UK, TAP-32-UK, TAP-22-UK, TAP-11-UK, TAC-16, TAC-32, TAC-40, TAC-11, TAC-22, TAC-21, TAC-16-PRO, TAC-32-PRO, TAC-40-PRO, TAC-11-PRO, TAC-22-PRO, TAC-21-PRO, TAC-PRO, TAC-PLUS, TE-V8, TE-V8-PRO, TE-V8-PLUS, TE-V9, TE-V9-PRO, TE-V9-PLUS, TE-V6, TE-V6-PRO, TE-V6-PLUS, TE-V7, TE-V7-PRO, TE-V7-PLUS, TE-V5, TE-V5-PRO, TE-V5-PLUS, TE-V3, TE-V3-PRO, TE-V3-PLUS, TE-V1, TE-V1-PRO, TE-V1-PLUS, TE-V2, TE-V2-PRO, TE-V2-PLUS, JT1, JT2, JT3, JT4, JT5, JT6, JT7, JT8, JT9, JT10, JT20, JT80, JT79, JT99, JT90, JT91, JT92, JT95, JT96, J97

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Sample Photo:



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