SELECTLOK®
A McNaughtans Company

TEST REPORT

Document No#: NGBEC26008092201
Document Date: 10.09.2026

Test Report

EU RoHS Directives
Gas Struts

Sample Name:	Gas Springs / Struts
Report Job No#:	SHP26-036021
Test Period:	07/09/2026 ~ 10/09/2026
Test Item(s):	EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU
Approved by:	LOK Technical Product Manager LOK QC Manager

Results Summary:
The following results(s) were submitted and identified on behalf of Selectlok as;

Testing Laboratory (Signatories):

Seal	Date	Approved Signatory
QUALITY PRODUCTS SELECTLOK A MCNAUGHTANS COMPANY ★★★★★	10/09/2026	Hayley Hong

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Test Requirments	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), Bis(2-thylhexyl) Phthalate (DEHP), Butyl Benzyl Phthalate (BBP) Dibutyl Pthalate (DBP) and Diisobutyl Phthalate (DIBP)	Pass
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent Chromium	Pass

Test Result(s):

Test Part Description

SN ID	Sample No.	Sample ID	Description
SN1	A1	NGB26-0080922-0001.C001	Silver Metal Part
SN2	A2	NGB26-0080922-0001.C002	Black Coating Part

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

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), Bis(2-thylhexyl) Phthalate (DEHP), Butyl Benzyl Phthalate (BBP) Dibutyl Pthalate (DBP) and Diisobutyl Phthalate (DIBP)

Test Method:
With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017 and IEC 62321-12:2023, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Please refer next page.

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Test Item(s)	Limit	Unit(s)	MDL	A2
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Cadmium (Cd)	100	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Polybrominated Biphenyls (PBB)	1000	mg/kg	-	ND
Monobrominated Biphenyl (MonoBB)	-	mg/kg	25	ND
Dibrominated Biphenyl (DiBB)	-	mg/kg	25	ND
Tribrominated Biphenyl (TriBB)	-	mg/kg	25	ND
Tetrabrominated Biphenyl (TetraBB)	-	mg/kg	25	ND
Pentabrominated Biphenyl (PentaBB)	-	mg/kg	25	ND
Hexabrominated Biphenyl (HexaBB)	-	mg/kg	25	ND
Heptabrominated Biphenyl (HeptaBB)	-	mg/kg	25	ND
Octabrominated Biphenyl (OctaBB)	-	mg/kg	25	ND
Nonabrominated Biphenyl (NonaBB)	-	mg/kg	25	ND
Decabrominated Biphenyl (DecaBB)	-	mg/kg	25	ND
Polybrominated Diphenyl Ethers (PBDE)	1000	mg/kg	-	ND
Monobrominated Diphenyl Ethers (MonoBDE)	-	mg/kg	25	ND
Dibrominated Diphenyl Ethers (DiBDE)	-	mg/kg	25	ND
Tribrominated Diphenyl Ethers (TriBDE)	-	mg/kg	25	ND
Tetrabrominated Diphenyl Ethers (TetraBDE)	-	mg/kg	25	ND
Pentabrominated Diphenyl Ethers (PentaBDE)	-	mg/kg	25	ND
Hexabrominated Diphenyl Ethers (HexaBDE)	-	mg/kg	25	ND
Heptabrominated Diphenyl Ethers (HeptaBDE)	-	mg/kg	25	ND
Octabrominated Diphenyl Ethers (OctaBDE)	-	mg/kg	25	ND
Nonabrominated Diphenyl Ethers (NonaBDE)	-	mg/kg	25	ND
Decabrominated Diphenyl Ethers (DecaBDE)	-	mg/kg	25	ND
Bis(2-thylhexyl) Phthalate (DEHP)	1000	mg/kg	50	ND
Butyl Benzyl Phthalate (BBP)	1000	mg/kg	50	ND
Dibutyl Pthalate (DBP)	1000	mg/kg	50	ND
Diisobutyl Phthalate (DIBP)	1000	mg/kg	50	ND

Notes:

1. The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
2. IEC 62321 series is equivalent to EN 62321 series.
3. The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices and monitoring and control instuments, including industrial monitoring and control instruments from 22 July 2021.

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EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent Chromium

Test Method:
With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, analysis was performed be ICP-OES/AAS and UV-Vis.

Test Item(s)	Limit	Unit(s)	MDL	A1
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Cadmium (Cd)	100	mg/kg	2	ND
Hexavalent Chromium (Cr(VI)) ▾	-	µg/cm²	0.10	ND

Notes:
1. The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
2. IEC 62321 series is equivalent to EN 62321 series.
3. ▾ =
   a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 µg/cm². The sample coating is considered to contain Cr(VI).
   b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm²). The coating is considered a non-Cr(VI) based coating.
   c. The result between 0.10 µg/cm² and 0.13 µg/cm² is considered to be inconclusive-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.

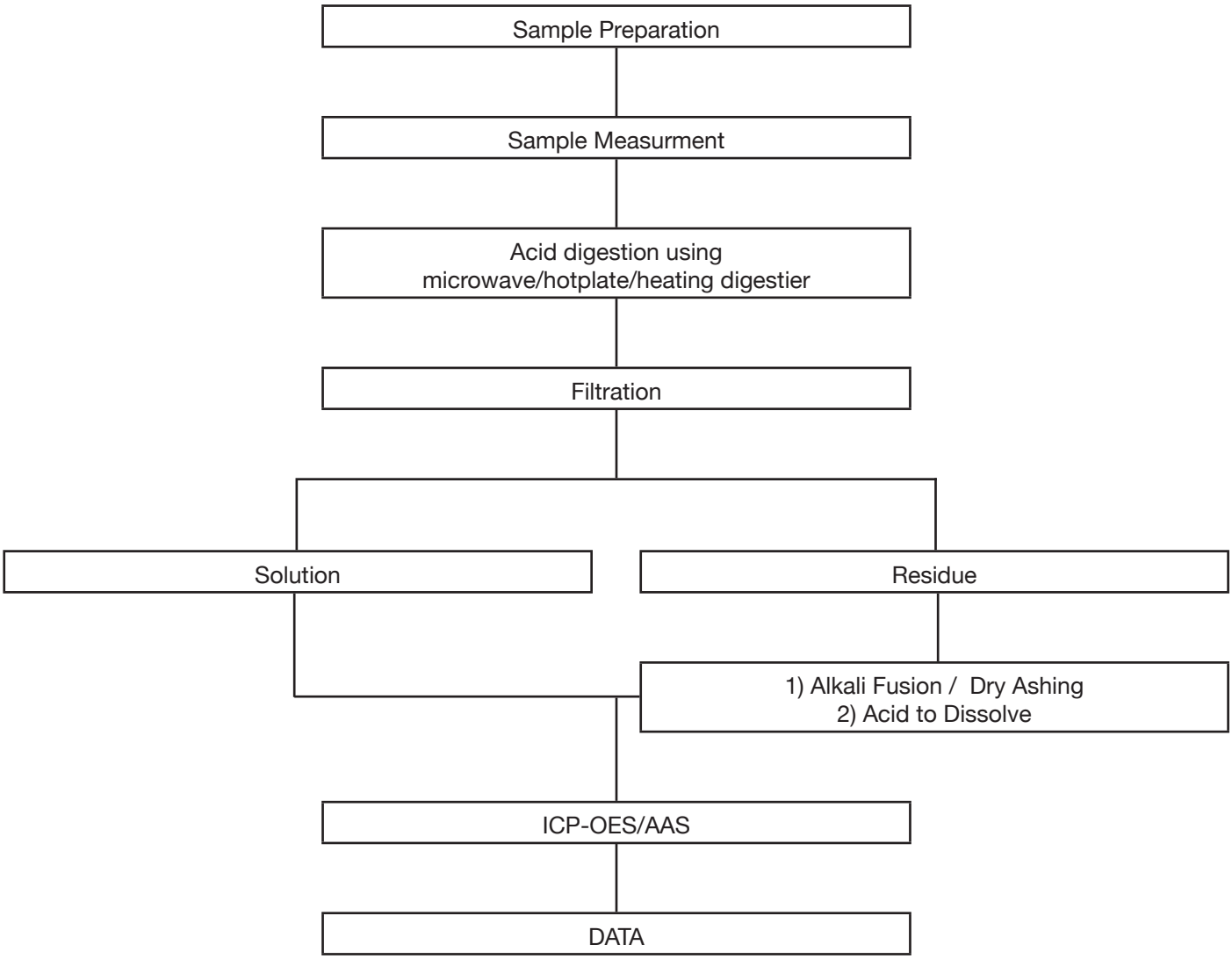
Unless otherwise stated, the decision rule for conformity reporting is based on the Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

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Attachments:

Elements Testing Flow Chart

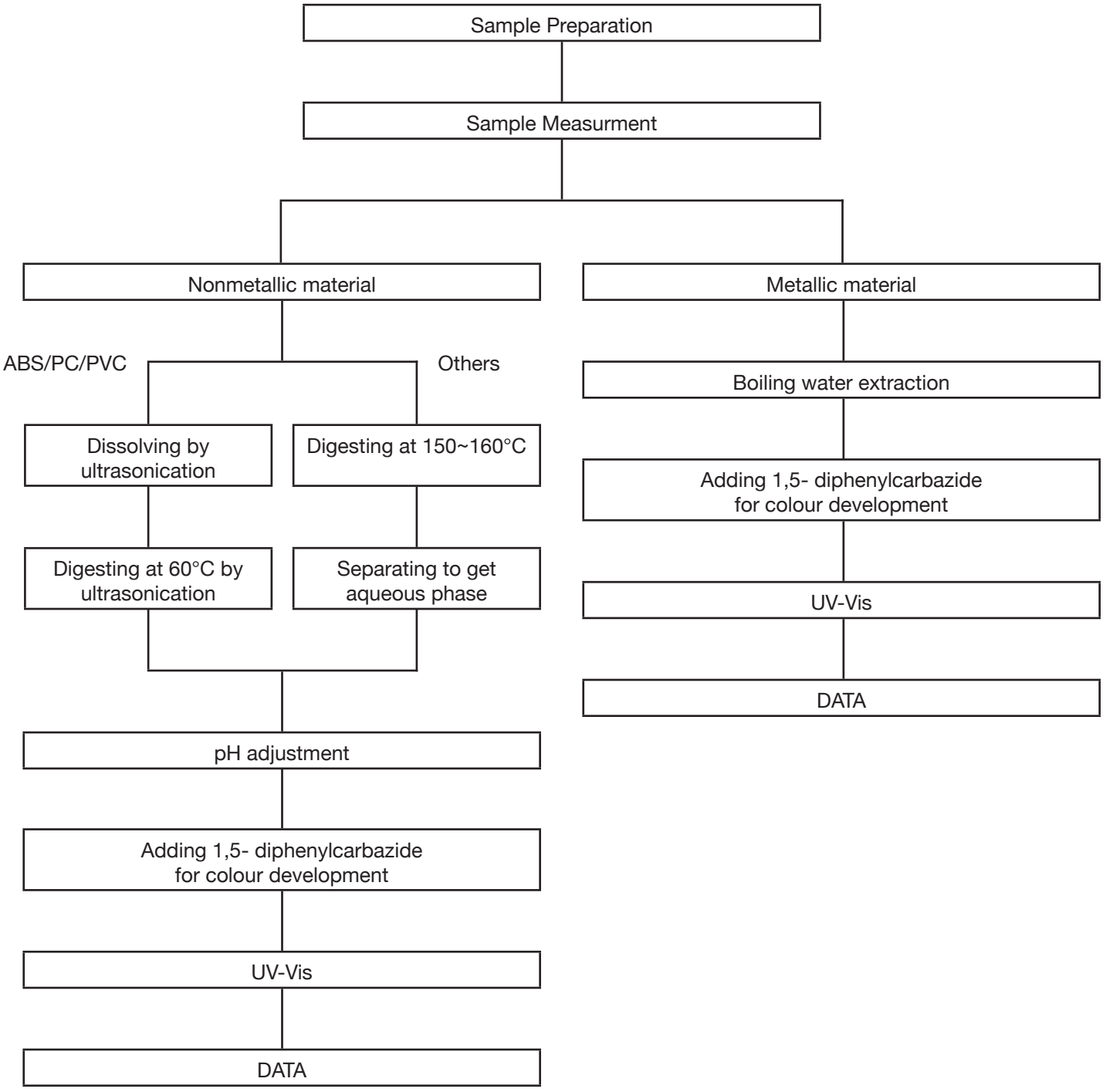
These samples of Pb/Cd/Hg were dissolved totally by pre-conditioning method according to the below flow chart.



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Attachments:

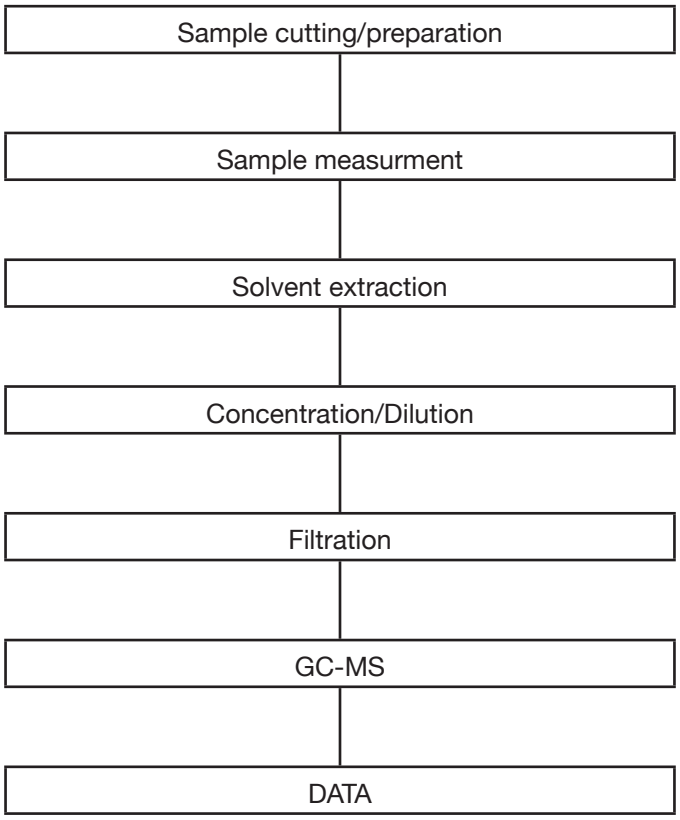
Hexavalent Chromium (Cr(CI)) Testing Flow Chart



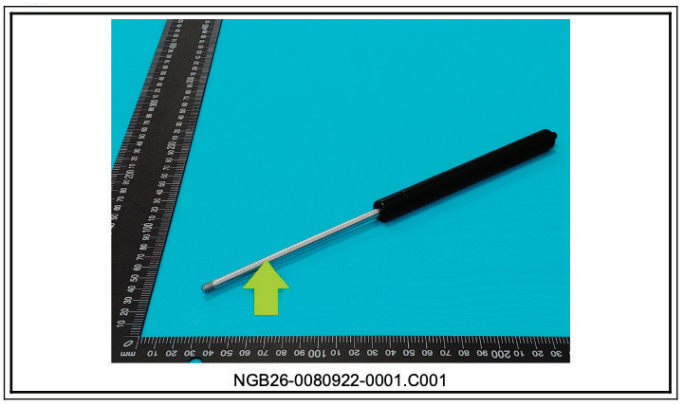
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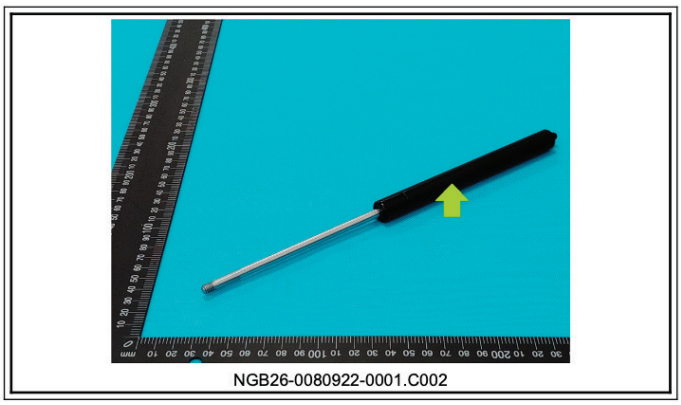
Attachments:

PBB(s)/PBDE(s)/Phthalates Testing Flow Chart



Sample Photos:


NGB26-0080922-0001.C001


NGB26-0080922-0001.C002

*** END OF REPORT ***

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