

checkCIF/PLATON report

Structure factors have been supplied for datablock(s) SAIOC-1@G5

THIS REPORT IS FOR GUIDANCE ONLY. IF USED AS PART OF A REVIEW PROCEDURE FOR PUBLICATION, IT SHOULD NOT REPLACE THE EXPERTISE OF AN EXPERIENCED CRYSTALLOGRAPHIC REFEREE.

No syntax errors found. CIF dictionary Interpreting this report

Datablock: SAIOC-1@G5

Bond precision:	C-C = 0.0177 Å	Wavelength=1.34050	
Cell:	a=30.0020 (4) alpha=90	b=30.0020 (4) beta=90	c=19.4409 (4) gamma=90
Temperature:	100 K		
	Calculated	Reported	
Volume	17499.2 (6)	17499.1 (6)	
Space group	P 4/n	P 4/n	
Hall group	-P 4a	-P 4a	
Moiety formula	C216 H360 Al32 N12 O110 Pb6 S12, 2(C6 H6) [+ solvent]	C216 H360 Al32 N12 O110 Pb6 S12, 2(C6 H6)	
Sum formula	C228 H372 Al32 N12 O110 Pb6 S12 [+ solvent]	C228 H372 Al32 N12 O110 Pb6 S12	
Mr	7532.68	7532.57	
Dx, g cm ⁻³	1.430	1.430	
Z	2	2	
Mu (mm ⁻¹)	5.066	5.208	
F000	7608.0	7608.0	
F000'	7586.96		
h, k, lmax	35, 35, 22	35, 33, 22	
Nref	14924	14877	
Tmin, Tmax		1.000, 1.000	
Tmin'			

Correction method= # Reported T Limits: Tmin=1.000 Tmax=1.000
AbsCorr = SPHERE

Data completeness= 0.997

Theta (max)= 52.046

R(reflections)= 0.0785(10320)

wR2(reflections)=
0.2421(14877)

S = 1.027

Npar= 928

The following ALERTS were generated. Each ALERT has the format
test-name_ALERT_alert-type_alert-level.
Click on the hyperlinks for more details of the test.



Alert level A

PLAT971_ALERT_2_A Check Calcd Resid. Dens. 0.86Ang From Pb1

4.59 eA-3

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT971_ALERT_2_A Check Calcd Resid. Dens. 1.11Ang From Pb2

3.98 eA-3

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT971_ALERT_2_A Check Calcd Resid. Dens. 0.96Ang From Pb1

3.85 eA-3

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT971_ALERT_2_A Check Calcd Resid. Dens. 1.08Ang From Pb3

3.77 eA-3

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT971_ALERT_2_A Check Calcd Resid. Dens. 0.85Ang From Pb2

3.57 eA-3

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT973_ALERT_2_A Check Calcd Positive Resid. Density on Pb1 3.49 eA-3

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT973_ALERT_2_A Check Calcd Positive Resid. Density on Pb3 2.09 eA-3

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.



Alert level B

PLAT094_ALERT_2_B Ratio of Maximum / Minimum Residual Density 4.83 Report

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT971_ALERT_2_B Check Calcd Resid. Dens. 1.05Ang From Pb3 3.36 eA-3

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT971_ALERT_2_B Check Calcd Resid. Dens. 0.23Ang From Pb2 2.85 eA-3

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.



Alert level C

RADNW01_ALERT_1_C The radiation wavelength lies outside the expected range for the supplied radiation type. Expected range 1.34130-1.34150 Wavelength given = 1.34050

THETM01_ALERT_3_C The value of sine(theta_max)/wavelength is less than 0.590 Calculated sin(theta_max)/wavelength = 0.5882

PLAT220_ALERT_2_C	NonSolvent	Resd 1	C	Ueq(max)/Ueq(min)	Range	4.2	Ratio
PLAT220_ALERT_2_C	NonSolvent	Resd 1	O	Ueq(max)/Ueq(min)	Range	3.8	Ratio
PLAT222_ALERT_3_C	NonSolvent	Resd 1	H	Uiso(max)/Uiso(min)	Range	6.3	Ratio
PLAT241_ALERT_2_C	High	'MainMol'	Ueq	as Compared to Neighbors of		C7	Check
PLAT241_ALERT_2_C	High	'MainMol'	Ueq	as Compared to Neighbors of		C33	Check
PLAT241_ALERT_2_C	High	'MainMol'	Ueq	as Compared to Neighbors of		C36	Check
PLAT241_ALERT_2_C	High	'MainMol'	Ueq	as Compared to Neighbors of		C53	Check
PLAT241_ALERT_2_C	High	'MainMol'	Ueq	as Compared to Neighbors of		C56	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq	as Compared to Neighbors of		S1	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq	as Compared to Neighbors of		N1	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq	as Compared to Neighbors of		N2	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq	as Compared to Neighbors of		N3	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq	as Compared to Neighbors of		C19	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq	as Compared to Neighbors of		C22	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq	as Compared to Neighbors of		C40	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq	as Compared to Neighbors of		C50	Check
PLAT260_ALERT_2_C	Large	Average Ueq of Residue Including	Pb1		0.127	Check	
PLAT260_ALERT_2_C	Large	Average Ueq of Residue Including	C11		0.129	Check	
PLAT342_ALERT_3_C	Low	Bond Precision on C-C Bonds		0.01767	Ang.	
PLAT360_ALERT_2_C	Short	C(sp3)-C(sp3) Bond	C4 - C5	.	1.43	Ang.	
PLAT360_ALERT_2_C	Short	C(sp3)-C(sp3) Bond	C22 - C23	.	1.43	Ang.	
PLAT410_ALERT_2_C	Short	Intra H...H Contact	H4A ..H5B	.	1.95	Ang.	
			x,y,z =	1_555	Check		
PLAT413_ALERT_2_C	Short	Inter XH3 .. XHn	H35A ..H49	.	2.11	Ang.	
			-x,1-y,1-z =	5_566	Check		
PLAT905_ALERT_3_C	Negative K value in the Analysis of Variance	...			-2.471	Report	
PLAT911_ALERT_3_C	Missing FCF Refl Between Thmin & STh/L=	0.588			45	Report	
	-1	3	0,	0	4	0,	
		1	3	1,	0	4	
		-3	4	2,	1	4	
		-2	10	2,	9	10	
			2	12	3,	2	
			2	12	4,	-1	
			14	27	10,	-17	
			-17	22	14,	-16	
PLAT971_ALERT_2_C	Check Calcd Resid. Dens.	0.77Ang From Pb1			2.09	eA-3	

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT971_ALERT_2_C	Check Calcd Resid. Dens.	0.93Ang From Pb2	2.05	eA-3
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Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT971_ALERT_2_C	Check Calcd Resid. Dens.	1.09Ang From Pb2	1.95	eA-3
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Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT971_ALERT_2_C Check Calcd Resid. Dens. 1.09Ang From Pb3 1.94 eA-3

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT971_ALERT_2_C Check Calcd Resid. Dens. 0.88Ang From Pb2 1.81 eA-3

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT971_ALERT_2_C Check Calcd Resid. Dens. 0.92Ang From Pb2 1.74 eA-3

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT971_ALERT_2_C Check Calcd Resid. Dens. 0.88Ang From Pb2 1.73 eA-3

Author Response: These alerts are generated because of residual density peaks near the heaviest atoms in the structure, due to fourier termination ripples. After inspection, the residual electron density peak does not make chemical sense and will not affect the correct identification of the structure.

PLAT975_ALERT_2_C Check Calcd Resid. Dens. 0.75Ang From O7 . 0.95 eA-3
 PLAT977_ALERT_2_C Check Negative Difference Density on H6A . -0.32 eA-3
 PLAT977_ALERT_2_C Check Negative Difference Density on H25C . -0.34 eA-3
 PLAT977_ALERT_2_C Check Negative Difference Density on H44A . -0.40 eA-3



Alert level G

ABSMU01_ALERT_1_G Calculation of _exptl_absorpt_correction_mu
 not performed for this radiation type.
 PLAT002_ALERT_2_G Number of Distance or Angle Restraints on AtSite 26 Note
 PLAT003_ALERT_2_G Number of Uiso or U(i,j) Restrained non-H Atoms 66 Report
 PLAT007_ALERT_5_G Number of Unrefined Donor-H Atoms 2 Report
 H10 H23
 PLAT051_ALERT_1_G Mu(calc) and Mu(CIF) Ratio Differs from 1.0 by . 2.73 %

PLAT072_ALERT_2_G	SHELXL First Parameter in WGHT	Unusually Large	0.17	Report
PLAT083_ALERT_2_G	SHELXL Second Parameter in WGHT	Unusually Large	8.65	Why ?
PLAT172_ALERT_4_G	The CIF-Embedded .res File Contains DFIX Records		23	Report
PLAT177_ALERT_4_G	The CIF-Embedded .res File Contains DELU Records		4	Report
PLAT178_ALERT_4_G	The CIF-Embedded .res File Contains SIMU Records		4	Report
PLAT186_ALERT_4_G	The CIF-Embedded .res File Contains ISOR Records		1	Report
PLAT188_ALERT_3_G	A Non-default SIMU Restraint Value has been used		0.0100	Report
PLAT188_ALERT_3_G	A Non-default SIMU Restraint Value has been used		0.0100	Report
PLAT188_ALERT_3_G	A Non-default SIMU Restraint Value has been used		0.0100	Report
PLAT188_ALERT_3_G	A Non-default SIMU Restraint Value has been used		0.0100	Report
PLAT192_ALERT_3_G	A Non-default DELU Restraint Value for SecondPar		0.0200	Report
PLAT192_ALERT_3_G	A Non-default DELU Restraint Value for SecondPar		0.0200	Report
PLAT192_ALERT_3_G	A Non-default DELU Restraint Value for SecondPar		0.0200	Report
PLAT192_ALERT_3_G	A Non-default DELU Restraint Value for SecondPar		0.0200	Report
PLAT299_ALERT_4_G	Atom Site Occupancy Constrained at		0.5	Check
	C9 C10 C24 C25 C38 C39 H8A H8B			
	H9A H9B H9C H10A H10B H10C H22 H22A			
	H24A H24B H24C H25A H25B H25C H37A H37B			
	H37C H37D H38A H38B H38C H39A H39B H39C			
	C11 C59 C60 C61 C62 C87 H11 H59			
	H60 H61 H62 H87			
PLAT301_ALERT_3_G	Main Residue Disorder	(Resd 1)	3%	Note
PLAT302_ALERT_4_G	Anion/Solvent/Minor-Residue Disorder (Resd 2)		100%	Note
PLAT343_ALERT_2_G	Unusual sp3 Angle Range in Main Residue for		C4	Check
PLAT343_ALERT_2_G	Unusual sp3 Angle Range in Main Residue for		C56	Check
PLAT412_ALERT_2_G	Short Intra XH3 .. XHn H5A ..H10A .		1.79	Ang.
		x,y,z =	1_555	Check
PLAT412_ALERT_2_G	Short Intra XH3 .. XHn H22A ..H23C .		2.09	Ang.
		x,y,z =	1_555	Check
PLAT413_ALERT_2_G	Short Inter XH3 .. XHn H38C ..H55A .		1.66	Ang.
		1/2-y,1+x,z =	3_565	Check
PLAT606_ALERT_4_G	Solvent Accessible VOID(S) in Structure			! Info
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...		0.00	Deg.
	07 -07 -PB1 3_555 1_555 1_555	#	190	Check
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...		0.00	Deg.
	07 -07 -PB1 2_555 1_555 1_555	#	191	Check
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...		0.00	Deg.
	07 -07 -PB1 4_555 1_555 1_555	#	192	Check
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...		0.00	Deg.
	07 -07 -AL1 3_555 1_555 3_555	#	193	Check
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...		0.00	Deg.
	07 -07 -AL1 3_555 1_555 1_555	#	194	Check
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...		0.00	Deg.
	07 -07 -AL1 2_555 1_555 2_555	#	195	Check
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...		0.00	Deg.
	07 -07 -AL1 2_555 1_555 3_555	#	196	Check
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...		0.00	Deg.
	07 -07 -AL1 4_555 1_555 3_555	#	197	Check
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...		0.00	Deg.
	07 -07 -AL1 4_555 1_555 2_555	#	198	Check
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...		0.00	Deg.
	07 -07 -AL1 4_555 1_555 1_555	#	199	Check
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...		0.00	Deg.
	07 -07 -AL1 4_555 1_555 4_555	#	200	Check
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...		0.00	Deg.
	07 -07 -AL1 2_555 1_555 1_555	#	201	Check
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...		0.00	Deg.

07	-07	-AL1	3_555	1_555	4_555	#	202	Check
PLAT779_ALERT_4_G Suspect or Irrelevant (Bond) Angle(s) in CIF ... 0.00 Deg.									
07	-07	-AL1	2_555	1_555	4_555	#	203	Check
PLAT779_ALERT_4_G Suspect or Irrelevant (Bond) Angle(s) in CIF ... 0.00 Deg.									
07	-07	-AL1	3_555	1_555	2_555	#	204	Check
PLAT779_ALERT_4_G Suspect or Irrelevant (Bond) Angle(s) in CIF ... 0.00 Deg.									
07	-07	-07	3_555	1_555	2_555	#	205	Check
PLAT779_ALERT_4_G Suspect or Irrelevant (Bond) Angle(s) in CIF ... 0.00 Deg.									
07	-07	-07	4_555	1_555	3_555	#	206	Check
PLAT779_ALERT_4_G Suspect or Irrelevant (Bond) Angle(s) in CIF ... 0.00 Deg.									
07	-07	-07	4_555	1_555	2_555	#	207	Check
PLAT790_ALERT_4_G Centre of Gravity not Within Unit Cell: Resd. # 2 Note									
C6 H6									
PLAT794_ALERT_5_G Tentative Bond Valency for Pb1 (II) .							2.06	Info	
PLAT794_ALERT_5_G Tentative Bond Valency for Pb3 (II) .							2.06	Info	
PLAT794_ALERT_5_G Tentative Bond Valency for Al1 (III) .							2.76	Info	
PLAT794_ALERT_5_G Tentative Bond Valency for Al2 (III) .							2.75	Info	
PLAT794_ALERT_5_G Tentative Bond Valency for Al6 (III) .							2.82	Info	
PLAT794_ALERT_5_G Tentative Bond Valency for Al7 (III) .							2.83	Info	
PLAT794_ALERT_5_G Tentative Bond Valency for Al8 (III) .							2.73	Info	
PLAT860_ALERT_3_G Number of Least-Squares Restraints							581	Note	
PLAT868_ALERT_4_G ALERTS Due to the Use of _smtbx_masks Suppressed							!	Info	
PLAT883_ALERT_1_G No Info/Value for _atom_sites_solution_primary .							Please	Do !	
PLAT909_ALERT_3_G Percentage of I>2sig(I) Data at Theta(Max) Still							34%	Note	
PLAT910_ALERT_3_G Missing # of FCF Reflection(s) Below Theta(Min).							2	Note	
1 1 0, 0 0 1,									
PLAT933_ALERT_2_G Number of HKL-OMIT Records in Embedded .res File							33	Note	
1 3 1, -2 10 2, 0 8 0, -1 7 2, 2 6 0, 2 14 3,									
-1 3 5, -1 3 6, 2 12 3, -10 13 1, -1 4 3, 1 4 2,									
0 4 0, 4 7 2, -2 5 3, -3 6 2, -1 8 6, -3 9 1,									
1 8 2, 0 4 1, 2 12 4, -5 11 2, -3 4 2, 2 10 0,									
-4 5 8, 7 7 1, -2 4 6, 2 5 4, 5 7 4, 6 8 4,									
1 3 4, 2 2 3, 9 10 2,									
PLAT941_ALERT_3_G Average HKL Measurement Multiplicity							3.4	Low	
PLAT951_ALERT_5_G Calculated (ThMax) and CIF-Reported Kmax Differ							2	Units	
PLAT969_ALERT_5_G The 'Henn et al.' R-Factor-gap value							4.615	Note	
Predicted wR2: Based on SigI**2 5.25 or SHELX Weight 23.58									
PLAT978_ALERT_2_G Number C-C Bonds with Positive Residual Density.							0	Info	
PLAT984_ALERT_1_G The C-f' = 0.0147 Deviates from the B&C-Value							0.0137	Check	
PLAT984_ALERT_1_G The N-f' = 0.0253 Deviates from the B&C-Value							0.0241	Check	
PLAT984_ALERT_1_G The O-f' = 0.0412 Deviates from the B&C-Value							0.0389	Check	
PLAT984_ALERT_1_G The Pb-f' = -4.2646 Deviates from the B&C-Value							-4.4950	Check	
PLAT985_ALERT_1_G The Al-f" = 0.1843 Deviates from the B&C-Value							0.1873	Check	
PLAT985_ALERT_1_G The Pb-f" = 7.1982 Deviates from the B&C-Value							6.8412	Check	
PLAT985_ALERT_1_G The S-f" = 0.4242 Deviates from the B&C-Value							0.4295	Check	

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- 7 **ALERT level A** = Most likely a serious problem - resolve or explain
3 **ALERT level B** = A potentially serious problem, consider carefully
38 **ALERT level C** = Check. Ensure it is not caused by an omission or oversight
71 **ALERT level G** = General information/check it is not something unexpected
- 11 ALERT type 1 CIF construction/syntax error, inconsistent or missing data
53 ALERT type 2 Indicator that the structure model may be wrong or deficient
18 ALERT type 3 Indicator that the structure quality may be low
27 ALERT type 4 Improvement, methodology, query or suggestion
10 ALERT type 5 Informative message, check

checkCIF publication errors

Alert level A

PUBL004_ALERT_1_A The contact author's name and address are missing,
_publ_contact_author_name and _publ_contact_author_address.
PUBL005_ALERT_1_A _publ_contact_author_email, _publ_contact_author_fax and
_publ_contact_author_phone are all missing.
At least one of these should be present.
PUBL006_ALERT_1_A _publ_requested_journal is missing
e.g. 'Acta Crystallographica Section C'
PUBL008_ALERT_1_A _publ_section_title is missing. Title of paper.
PUBL009_ALERT_1_A _publ_author_name is missing. List of author(s) name(s).
PUBL010_ALERT_1_A _publ_author_address is missing. Author(s) address(es).
PUBL012_ALERT_1_A _publ_section_abstract is missing.
Abstract of paper in English.

7 **ALERT level A** = Data missing that is essential or data in wrong format
0 **ALERT level G** = General alerts. Data that may be required is missing

Publication of your CIF

You should attempt to resolve as many as possible of the alerts in all categories. Often the minor alerts point to easily fixed oversights, errors and omissions in your CIF or refinement strategy, so attention to these fine details can be worthwhile. In order to resolve some of the more serious problems it may be necessary to carry out additional measurements or structure refinements. However, the nature of your study may justify the reported deviations from journal submission requirements and the more serious of these should be commented upon in the discussion or experimental section of a paper or in the "special_details" fields of the CIF. *checkCIF* was carefully designed to identify outliers and unusual parameters, but every test has its limitations and alerts that are not important in a particular case may appear. Conversely, the absence of alerts does not guarantee there are no aspects of the results needing attention. It is up to the individual to critically assess their own results and, if necessary, seek expert advice.

If level A alerts remain, which you believe to be justified deviations, and you intend to submit this CIF for publication in a journal, you should additionally insert an explanation in your CIF using the Validation Reply Form (VRF) below. This will allow your explanation to be considered as part of the review process.

Validation response form

Please find below a validation response form (VRF) that can be filled in and pasted into your CIF.

```
# start Validation Reply Form
_vrf_PUBL004_GLOBAL
;
PROBLEM: The contact author's name and address are missing,
```



```

RESPONSE: ...
;
_vrf_PUBL005_GLOBAL
;
PROBLEM: _publ_contact_author_email, _publ_contact_author_fax and
RESPONSE: ...
;
_vrf_PUBL006_GLOBAL
;
PROBLEM: _publ_requested_journal is missing
RESPONSE: ...
;
_vrf_PUBL008_GLOBAL
;
PROBLEM: _publ_section_title is missing. Title of paper.
RESPONSE: ...
;
_vrf_PUBL009_GLOBAL
;
PROBLEM: _publ_author_name is missing. List of author(s) name(s).
RESPONSE: ...
;
_vrf_PUBL010_GLOBAL
;
PROBLEM: _publ_author_address is missing. Author(s) address(es).
RESPONSE: ...
;
_vrf_PUBL012_GLOBAL
;
PROBLEM: _publ_section_abstract is missing.
RESPONSE: ...
;
# end Validation Reply Form

```

If you wish to submit your CIF for publication in Acta Crystallographica Section C or E, you should upload your CIF via the web. If you wish to submit your CIF for publication in IUCrData you should upload your CIF via the web. If your CIF is to form part of a submission to another IUCr journal, you will be asked, either during electronic submission or by the Co-editor handling your paper, to upload your CIF via our web site.

PLATON version of 15/07/2024; check.def file version of 15/07/2024

