
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 B

PLAT089_ALERT_3_B	Poor Data / Parameter Ratio (Zmax < 18)	4.00	Note
PLAT306_ALERT_2_B	Isolated Oxygen Atom (H-atoms Missing ?)	02	Check



Alert level C

STRVA01_ALERT_4_C	Flack parameter is too small
	From the CIF: <code>_refine_ls_abs_structure_Flack</code> -0.300
	From the CIF: <code>_refine_ls_abs_structure_Flack_su</code> 0.300



Alert level G

ABSMU01_ALERT_1_G	Calculation of <code>_exptl_absorpt_correction_mu</code> not performed for this radiation type.		
PLAT032_ALERT_4_G	Std. Uncertainty on Flack Parameter Value High .	0.300	Report
PLAT042_ALERT_1_G	Calc. and Reported Moiety Formula Strings Differ		Please Check
PLAT045_ALERT_1_G	Calculated and Reported Z Differ by a Factor ...	0.500	Check
PLAT092_ALERT_4_G	Check: Wavelength Given is not Cu,Ga,Mo,Ag,In Ka	0.68890	Ang.
PLAT302_ALERT_4_G	Anion/Solvent/Minor-Residue Disorder (Resd 2)	100%	Note
PLAT302_ALERT_4_G	Anion/Solvent/Minor-Residue Disorder (Resd 5)	100%	Note
PLAT302_ALERT_4_G	Anion/Solvent/Minor-Residue Disorder (Resd 6)	100%	Note
PLAT304_ALERT_4_G	Non-Integer Number of Atoms in (Resd 1)	3.96	Check
PLAT304_ALERT_4_G	Non-Integer Number of Atoms in (Resd 2)	0.73	Check
PLAT304_ALERT_4_G	Non-Integer Number of Atoms in (Resd 3)	0.04	Check
PLAT304_ALERT_4_G	Non-Integer Number of Atoms in (Resd 4)	0.04	Check
PLAT304_ALERT_4_G	Non-Integer Number of Atoms in (Resd 5)	0.02	Check
PLAT304_ALERT_4_G	Non-Integer Number of Atoms in (Resd 6)	0.03	Check
PLAT860_ALERT_3_G	Number of Least-Squares Restraints	1	Note
PLAT961_ALERT_5_G	Dataset Contains no Negative Intensities		Please Check

- 0 **ALERT level A** = Most likely a serious problem - resolve or explain
2 **ALERT level B** = A potentially serious problem, consider carefully
1 **ALERT level C** = Check. Ensure it is not caused by an omission or oversight
16 **ALERT level G** = General information/check it is not something unexpected

- 3 ALERT type 1 CIF construction/syntax error, inconsistent or missing data
1 ALERT type 2 Indicator that the structure model may be wrong or deficient
2 ALERT type 3 Indicator that the structure quality may be low
12 ALERT type 4 Improvement, methodology, query or suggestion
1 ALERT type 5 Informative message, check
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It is advisable to 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 purpose of your study may justify the reported deviations and the more serious of these should normally 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.

Publication of your CIF in IUCr journals

A basic structural check has been run on your CIF. These basic checks will be run on all CIFs submitted for publication in IUCr journals (*Acta Crystallographica*, *Journal of Applied Crystallography*, *Journal of Synchrotron Radiation*); however, if you intend to submit to *Acta Crystallographica Section C* or *E* or *IUCrData*, you should make sure that full publication checks are run on the final version of your CIF prior to submission.

Publication of your CIF in other journals

Please refer to the *Notes for Authors* of the relevant journal for any special instructions relating to CIF submission.

