
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

PLAT306_ALERT_2_B	Isolated Oxygen Atom (H-atoms Missing ?)	001C	Check
PLAT306_ALERT_2_B	Isolated Oxygen Atom (H-atoms Missing ?)	001M	Check
PLAT417_ALERT_2_B	Short Inter D-H..H-D	H00B ..H00R .	1.86	Ang.
		1-x,1-y,1-z =	2_666	Check
PLAT420_ALERT_2_B	D-H Bond Without Acceptor	O00T --H00R .		Please Check
PLAT430_ALERT_2_B	Short Inter D...A Contact	O006 ..001C .	2.82	Ang.
		1-x,1-y,1-z =	2_666	Check

Alert level C

ABSTY02_ALERT_1_C An _exptl_absorpt_correction_type has been given without a literature citation. This should be contained in the _exptl_absorpt_process_details field.
Absorption correction given as multi-scan

DIFMX02_ALERT_1_C The maximum difference density is > 0.1*ZMAX*0.75
The relevant atom site should be identified.

THETM01_ALERT_3_C The value of sine(theta_max)/wavelength is less than 0.590
Calculated sin(theta_max)/wavelength = 0.5753

PLAT029_ALERT_3_C _diffn_measured_fraction_theta_full value Low . 0.973 Why?

PLAT094_ALERT_2_C Ratio of Maximum / Minimum Residual Density ... 2.91 Report

PLAT097_ALERT_2_C Large Reported Max. (Positive) Residual Density 1.78 eA-3

PLAT112_ALERT_2_C ADDSYM Detects New (Pseudo) Symm. Elem I 89 %Fit

PLAT220_ALERT_2_C NonSolvent Resd 1 O Ueq(max)/Ueq(min) Range 4.9 Ratio

PLAT222_ALERT_3_C NonSolvent Resd 1 H Uiso(max)/Uiso(min) Range 5.6 Ratio

PLAT242_ALERT_2_C Low 'MainMol' Ueq as Compared to Neighbors of Ca04 Check

PLAT260_ALERT_2_C Large Average Ueq of Residue Including 001M 0.147 Check

PLAT411_ALERT_2_C Short Inter H...H Contact H01F ..H01F . 2.08 Ang.
2-x,2-y,2-z = 2_777 Check

PLAT767_ALERT_4_C INS Embedded LIST 6 Instruction Should be LIST 4 Please Check

PLAT906_ALERT_3_C Large K Value in the Analysis of Variance 2.048 Check

PLAT911_ALERT_3_C Missing FCF Refl Between Thmin & STh/L= 0.575 167 Report

PLAT913_ALERT_3_C Missing # of Very Strong Reflections in FCF 34 Note

PLAT971_ALERT_2_C Check Calcd Resid. Dens. 1.89Ang From O01E 1.70 eA-3

PLAT975_ALERT_2_C Check Calcd Resid. Dens. 0.86Ang From O00Z . 0.68 eA-3

PLAT975_ALERT_2_C Check Calcd Resid. Dens. 0.58Ang From O01M . 0.66 eA-3

PLAT976_ALERT_2_C Check Calcd Resid. Dens. 0.48Ang From O01M . -0.58 eA-3

PLAT976_ALERT_2_C Check Calcd Resid. Dens. 0.52Ang From O01C . -0.48 eA-3

PLAT976_ALERT_2_C Check Calcd Resid. Dens. 0.74Ang From O00M . -0.45 eA-3

PLAT976_ALERT_2_C Check Calcd Resid. Dens. 0.75Ang From O00V . -0.42 eA-3

PLAT976_ALERT_2_C Check Calcd Resid. Dens. 0.62Ang From O00T . -0.41 eA-3

PLAT976_ALERT_2_C Check Calcd Resid. Dens. 0.66Ang From O01E . -0.41 eA-3

PLAT977_ALERT_2_C Check Negative Difference Density on H00E . -0.36 eA-3

PLAT977_ALERT_2_C Check Negative Difference Density on H00T . -0.32 eA-3

Alert level G

PLAT004_ALERT_5_G	Polymeric Structure Found with Maximum Dimension		2	Info
PLAT007_ALERT_5_G	Number of Unrefined Donor-H Atoms		24	Report
PLAT083_ALERT_2_G	SHELXL Second Parameter in WGHT Unusually Large		5.06	Why ?

PLAT154_ALERT_1_G	The s.u.'s on the Cell Angles are Equal ..(Note)	0.002 Degree
PLAT720_ALERT_4_G	Number of Unusual/Non-Standard Labels	105 Note
PLAT764_ALERT_4_G	Overcomplete CIF Bond List Detected (Rep/Expd) .	1.10 Ratio
PLAT774_ALERT_1_G	Check X-Y Bond in CIF: Ca01 --Ca01 ..	4.03 Ang.
PLAT774_ALERT_1_G	Check X-Y Bond in CIF: Ca02 --Ca04 ..	4.43 Ang.
PLAT774_ALERT_1_G	Check X-Y Bond in CIF: Ca03 --Ca04 ..	4.06 Ang.
PLAT779_ALERT_4_G	Suspect or Irrelevant (Bond) Angle(s) in CIF ...	37.17 Deg.
	0009 -C01F -CA01 1_555 1_555 1_555	# 400 Check
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	90% Note
PLAT933_ALERT_2_G	Number of HKL-OMIT Records in Embedded .res File	18 Note
PLAT965_ALERT_2_G	The SHELXL WEIGHT Optimisation has not Converged	Please Check
PLAT967_ALERT_5_G	Note: Two-Theta Cutoff Value in Embedded .res ..	125.0 Degree
PLAT978_ALERT_2_G	Number C-C Bonds with Positive Residual Density.	2 Info
PLAT982_ALERT_1_G	The C-f' = 0.0192 Deviates from IT-value =	0.0181 Check
PLAT982_ALERT_1_G	The Ca-f' = 0.3660 Deviates from IT-value =	0.3641 Check
PLAT982_ALERT_1_G	The N-f' = 0.0330 Deviates from IT-value =	0.0311 Check
PLAT982_ALERT_1_G	The O-f' = 0.0517 Deviates from IT-value =	0.0492 Check
PLAT983_ALERT_1_G	The Ca-f" = 1.2937 Deviates from IT-Value =	1.2855 Check
PLAT983_ALERT_1_G	The O-f" = 0.0336 Deviates from IT-Value =	0.0322 Check

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

13 ALERT type 1 CIF construction/syntax error, inconsistent or missing data
27 ALERT type 2 Indicator that the structure model may be wrong or deficient
7 ALERT type 3 Indicator that the structure quality may be low
4 ALERT type 4 Improvement, methodology, query or suggestion
3 ALERT type 5 Informative message, check

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.

Datablock 1 - ellipsoid plot

