
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 C

PLAT042_ALERT_1_C	Calc. and Reported MoietyFormula Strings Differ	Please Check
PLAT090_ALERT_3_C	Poor Data / Parameter Ratio (Zmax > 18)	6.75 Note
PLAT342_ALERT_3_C	Low Bond Precision on C-C Bonds	0.01069 Ang.



Alert level G

PLAT012_ALERT_1_G	N.O.K. _shelx_res_checksum Found in CIF	Please Check
PLAT013_ALERT_1_G	N.O.K. _shelx_hkl_checksum Found in CIF	Please Check
PLAT199_ALERT_1_G	Reported _cell_measurement_temperature (K)	293 Check
PLAT200_ALERT_1_G	Reported _diffrn_ambient_temperature (K)	293 Check
PLAT431_ALERT_2_G	Short Inter HL..A Contact I1 ..N3 .	3.09 Ang.
	x,y,z =	1_555 Check
PLAT431_ALERT_2_G	Short Inter HL..A Contact I2 ..N1 .	3.24 Ang.
	1/2+x,-1/2+y,1+z =	3_546 Check
PLAT431_ALERT_2_G	Short Inter HL..A Contact I2 ..N2 .	3.24 Ang.
	1/2+x,-1/2+y,1+z =	3_546 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
PLAT910_ALERT_3_G	Missing # of FCF Reflection(s) Below Theta(Min).	3 Note
PLAT961_ALERT_5_G	Dataset Contains no Negative Intensities	Please Check
PLAT967_ALERT_5_G	Note: Two-Theta Cutoff Value in Embedded .res ..	50.0 Degree
PLAT978_ALERT_2_G	Number C-C Bonds with Positive Residual Density.	0 Info

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

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

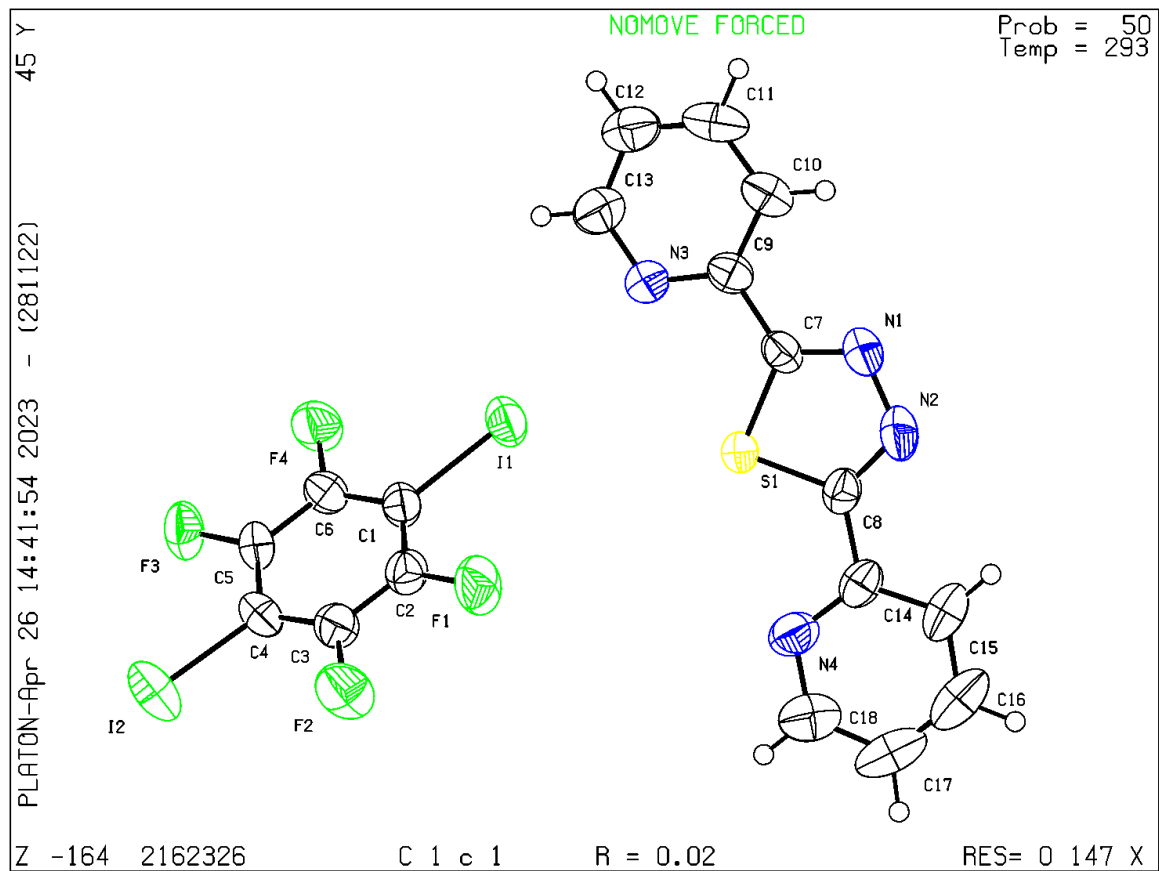
It is advisable to attempt to resolve as many as possible of the alerts in all categories. Often the minor alerts point to easily fixed oversights, errors and omissions in your CIF or refinement strategy, so attention to these fine details can be worthwhile. In order to resolve some of the more serious 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.



```
R(reflections)= 0.0327( 3366)      wR2(reflections)=
S = 1.047                        0.0699( 3854)
Npar= 263
```

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PLAT042_ALERT_1_C	Calc. and Reported MoietyFormula Strings Differ	Please Check
PLAT906_ALERT_3_C	Large K Value in the Analysis of Variance	3.337 Check
PLAT910_ALERT_3_C	Missing # of FCF Reflection(s) Below Theta(Min).	8 Note
PLAT911_ALERT_3_C	Missing FCF Refl Between Thmin & STh/L= 0.600	20 Report
PLAT975_ALERT_2_C	Check Calcd Resid. Dens. 1.05Ang From N2 .	0.52 eA-3



Alert level G

PLAT012_ALERT_1_G	N.O.K. _shelx_res_checksum Found in CIF	Please Check
PLAT013_ALERT_1_G	N.O.K. _shelx_hkl_checksum Found in CIF	Please Check
PLAT199_ALERT_1_G	Reported _cell_measurement_temperature (K)	293 Check
PLAT200_ALERT_1_G	Reported _diffrn_ambient_temperature (K)	293 Check
PLAT431_ALERT_2_G	Short Inter HL..A Contact I1 ..N1 .	2.91 Ang.
	3/2-x,1/2+y,1/2-z =	2_655 Check
PLAT431_ALERT_2_G	Short Inter HL..A Contact I2 ..N4 .	2.90 Ang.
	3/2-x,-1/2+y,1/2-z =	2_645 Check
PLAT431_ALERT_2_G	Short Inter HL..A Contact I3 ..N2 .	3.04 Ang.
	1/2+x,3/2-y,-1/2+z =	4_675 Check
PLAT431_ALERT_2_G	Short Inter HL..A Contact I3 ..N3 .	3.33 Ang.
	1/2+x,3/2-y,-1/2+z =	4_675 Check
PLAT883_ALERT_1_G	No Info/Value for _atom_sites_solution_primary .	Please Do !
PLAT912_ALERT_4_G	Missing # of FCF Reflections Above STh/L= 0.600	24 Note
PLAT941_ALERT_3_G	Average HKL Measurement Multiplicity	2.9 Low
PLAT961_ALERT_5_G	Dataset Contains no Negative Intensities	Please Check
PLAT967_ALERT_5_G	Note: Two-Theta Cutoff Value in Embedded .res ..	51.0 Degree
PLAT978_ALERT_2_G	Number C-C Bonds with Positive Residual Density.	1 Info

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