

R(reflections)= 0.0511(5251)	wR2(reflections)= 0.1491(5516)
S = 1.052	Npar= 339

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

PLAT241_ALERT_2_C	High	'MainMol'	Ueq as Compared to Neighbors of	C7	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq as Compared to Neighbors of	C6	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq as Compared to Neighbors of	C18	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq as Compared to Neighbors of	B1	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq as Compared to Neighbors of	C2	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq as Compared to Neighbors of	C5	Check
PLAT242_ALERT_2_C	Low	'MainMol'	Ueq as Compared to Neighbors of	C16	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	B2	Check
PLAT260_ALERT_2_C	Large Average	Ueq of Residue Including	F2	0.108	Check
PLAT340_ALERT_3_C	Low Bond Precision on	C-C Bonds		0.005	Ang.
PLAT410_ALERT_2_C	Short Intra H...H Contact	H6	..H12	.	1.91 Ang.
			x,y,z =	1_555	Check
PLAT410_ALERT_2_C	Short Intra H...H Contact	H2	..H22	.	1.93 Ang.
			x,y,z =	1_555	Check
PLAT911_ALERT_3_C	Missing FCF Refl Between Thmin & STh/L=	0.595		45	Report
PLAT913_ALERT_3_C	Missing # of Very Strong Reflections in FCF			6	Note

● Alert level G

PLAT072_ALERT_2_G	SHELXL First Parameter in WGHT	Unusually Large	0.10	Report
PLAT199_ALERT_1_G	Reported _cell_measurement_temperature	(K)	293	Check
PLAT200_ALERT_1_G	Reported _diffrn_ambient_temperature	(K)	293	Check
PLAT767_ALERT_4_G	INS Embedded LIST 6 Instruction Should be LIST 4			Please Check
PLAT791_ALERT_4_G	Model has Chirality at C4	(Sohnke SpGr)		S Verify
PLAT791_ALERT_4_G	Model has Chirality at C16	(Sohnke SpGr)		S Verify
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		83%	Note
PLAT933_ALERT_2_G	Number of HKL-OMIT Records in Embedded .res File		2	Note
PLAT978_ALERT_2_G	Number C-C Bonds with Positive Residual Density.		2	Info
PLAT992_ALERT_5_G	Repd & Actual _reflns_number_gt Values Differ by		7	Check

- 0 **ALERT level A** = Most likely a serious problem - resolve or explain
0 **ALERT level B** = A potentially serious problem, consider carefully
15 **ALERT level C** = Check. Ensure it is not caused by an omission or oversight
11 **ALERT level G** = General information/check it is not something unexpected
- 3 ALERT type 1 CIF construction/syntax error, inconsistent or missing data
15 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
3 ALERT type 4 Improvement, methodology, query or suggestion
1 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.

