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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.

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 **Alert level B**

PLAT971\_ALERT\_2\_B Check Calcd Resid. Dens. 0.92A From Sb1 2.82 eA-3


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 **Alert level C**

RINTA01\_ALERT\_3\_C The value of Rint is greater than 0.12  
Rint given 0.132

PLAT199_ALERT_1_C	Reported _cell_measurement_temperature	..... (K)	293	Check
PLAT200_ALERT_1_C	Reported _diffrn_ambient_temperature	..... (K)	293	Check
PLAT213_ALERT_2_C	Atom O1	has ADP max/min Ratio	.....	3.3 prolat
PLAT906_ALERT_3_C	Large K Value in the Analysis of Variance	.....	13.665	Check
PLAT906_ALERT_3_C	Large K Value in the Analysis of Variance	.....	2.830	Check
PLAT971_ALERT_2_C	Check Calcd Resid. Dens.	0.76A From Sb2	1.51	eA-3
PLAT972_ALERT_2_C	Check Calcd Resid. Dens.	0.69A From Sb1	-1.70	eA-3
PLAT973_ALERT_2_C	Check Calcd Positive Resid. Density on	Sb1	1.14	eA-3

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 **Alert level G**

PLAT004_ALERT_5_G	Polymeric Structure Found with Maximum Dimension		2	Info
PLAT005_ALERT_5_G	No Embedded Refinement Details Found in the CIF			Please Do !
PLAT020_ALERT_3_G	The Value of Rint is Greater Than 0.12	.....	0.132	Report
PLAT045_ALERT_1_G	Calculated and Reported Z Differ by a Factor	...	0.50	Check
PLAT794_ALERT_5_G	Tentative Bond Valency for Sb1	(III) .	2.89	Info
PLAT794_ALERT_5_G	Tentative Bond Valency for Sb2	(III) .	2.71	Info
PLAT794_ALERT_5_G	Tentative Bond Valency for Y	(III) .	3.02	Info
PLAT899_ALERT_4_G	SHELXL97 is Deprecated and Succeeded by SHELXL/		2018	Note
PLAT912_ALERT_4_G	Missing # of FCF Reflections Above STh/L=	0.600	19	Note

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

- 3 ALERT type 1 CIF construction/syntax error, inconsistent or missing data  
5 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  
2 ALERT type 4 Improvement, methodology, query or suggestion  
5 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.

