



wwPDB X-ray Structure Validation Summary Report ⓘ

Feb 1, 2016 – 01:30 AM GMT

PDB ID : 2DCK
Title : A tetragonal-lattice structure of alkaliphilic XynJ from Bacillus sp. 41M-1
Authors : Fibriansah, G.; Ihsanawati; Tanaka, N.; Nakamura, S.; Kumasaka, T.
Deposited on : 2006-01-07
Resolution : 2.10 Å(reported)

This is a wwPDB X-ray Structure Validation Summary Report for a publicly released PDB entry.
We welcome your comments at validation@mail.wwpdb.org
A user guide is available at
<http://wwpdb.org/validation/2016/XrayValidationReportHelp>
with specific help available everywhere you see the ⓘ symbol.

The following versions of software and data (see [references ⓘ](#)) were used in the production of this report:

MolProbity : 4.02b-467
Mogul : 1.7 (RC4), CSD as536be (2015)
Xtriage (Phenix) : 1.9-1692
EDS : rb-20026688
Percentile statistics : 20151230.v01 (using entries in the PDB archive December 30th 2015)
Refmac : 5.8.0135
CCP4 : 6.5.0
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP) : trunk26865

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Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
3	GOL	A	2002	-	-	-	X

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
3	A	1	Total	C	O	0	0
			6	3	3		
3	A	1	Total	C	O	0	0
			6	3	3		

- Molecule 4 is water.

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
4	A	339	Total	O	0	0
			339	339		

There are no ring outliers.

2 monomers are involved in 3 short contacts:

Mol	Chain	Res	Type	Clashes	Symm-Clashes
3	A	2002	GOL	1	0
3	A	2004	GOL	2	0

5.7 Other polymers [i](#)

There are no such residues in this entry.

5.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	LLDF	B-factors(\AA^2)	Q<0.9
3	GOL	A	2002	6/6	0.86	0.15	3.06	60,65,67,69	0
2	CA	A	1001	1/1	1.00	0.07	-1.54	24,24,24,24	0
2	CA	A	1002	1/1	0.98	0.04	-5.03	37,37,37,37	0
3	GOL	A	2003	6/6	0.82	0.18	-	65,68,69,70	0
3	GOL	A	2004	6/6	0.71	0.25	-	60,65,66,67	0

6.5 Other polymers [i](#)

There are no such residues in this entry.