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Report on experiment number LS-1374

Responsible scientists: Dr. Christina Divne, Martin Hällberg

In our application for 1998 regarding project LS-1374, we have collected data at the ESRF on one occasion (February 5-7 1999). Our proposal has been in a bag with project LS-1376 (Prof. T. Alwyn Jones), and of the 6 shifts allocated for the LS-1376/LS-1374 project at ID14-4 in February 1999, project LS-1374 has used 1.5 shifts (~12 hours). During this period of time, we have collected three usable data sets: one good-quality data of the heme-binding domain (CDH-HEME) at physiological pH (4.6), and two ligand complexes of the FAD-binding domain (CDH-FAD), for data statistics see below:

DataId	Resol(Å)	Compl(%)	Rmerge(%)	Ave.redundancy	Comments
1	1.9	97.7	4.6	5.5	CDH-HEME
2	2.4	Not yet processed and scaled			CDH-FAD
3	2.4	Not yet processed and scaled			CDH-FAD

Since phase information has been obtained for the heme-binding domain, data set number 1 will be included in the structure paper that we are currently working on. This paper is still in the manuscript form, but we intend to submit this manuscript during 1999.