**Table 2. Experimental data obtained from the SAXS measurement of lysozyme crystallization solutions with precipitants from crystallization kits CS 1 and CS2. Oligomeric composition (volume fractions of monomers, dimers and octamers),   
Rgand χ2 are shown. Data arranged in ascending order of volume fraction of octamers   
(from 0.9 to 4.4 %).**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| № | Precipitant | Rg, Å | Mon,% | Dim,% | Oct,% | χ2 | Chemical composition of precipitant solution |
| 24 | CS1 39 | 17,4 | 84,3 | 14,8 | 0,9 | 1,32 | 0.05 M Cadmium sulfate 0.1 M HEPES pH 7.5  1.0 M Sodium acetate |
| 25 | CS2 17 | 18,5 | 70,1 | 28,9 | 1 | 1,08 | 1.26 M Sodium phosphate; 0.14 M Potassium phosphate |
| 26 | CS1 62 | 18,3 | 73,9 | 25,1 | 1 | 1,25 | 0.1 M MES pH 6.5  1.6 M Magnesium sulfate |
| 27 | CS1 46 | 18,3 | 74,4 | 24,5 | 1,1 | 1,17 | 0.1 M HEPES sodium salt pH 7.5  0.8 M Sodium phosphate; 0.8 M Potassium phosphate |
| 28 | CS1 50 | 18,3 | 78,3 | 20,5 | 1,2 | 1,28 | 1.6 M Ammonium sulfate  0.1 M MES pH 6.5  10 %(v/v) Dioxane |
| 29 | CS1 27 | 19,2 | 69,3 | 29,1 | 1,6 | 1,26 | 0.1 M TRIS.HCl pH 8.5  2.0 M Ammonium phosphate |
| 30 | CS1 37 | 19,1 | 73,8 | 24,5 | 1,7 | 1,28 | 0.1 M HEPES sodium salt pH 7.5  0.8 M K/Na tartrate |
| 31 | CS1 58 | 19,5 | 70,1 | 28 | 1,9 | 1,28 | 0.01 M Nickel chloride  0.1 M TRIS pH 8.5  1.0 M Lithium sulfate |
| 32 | CS1 28 | 19,2 | 78,8 | 19,2 | 2 | 1,2 | 0.1 M HEPES pH 7.5  2.0 M Ammonium formate |
| 33 | CS1 59 | 19,6 | 70,2 | 27,7 | 2,1 | 1,34 | 0.1 M HEPES sodium salt pH 7.5  1.5 M Lithium sulfate |
| 34 | CS1 32 | 19,7 | 74,1 | 23,6 | 2,3 | 1,25 | 0.1 M Sodium chloride  0.1 M HEPES pH 7.5  1.6 M Ammonium sulfate |
| 35 | CS1 22 | 21,1 | 30,7 | 66,8 | 2,5 | 12,72 | 0.1 M HEPES pH 7.5  70 %(v/v) MPD |
| 36 | CS2 22 | 19,9 | 74,7 | 22,8 | 2,5 | 1,18 | 0.8 M Succinic acid pH 7.0 |
| 37 | CS1 33 | 20,1 | 73,4 | 23,9 | 2,7 | 1,26 | 0.01 M Cobalt chloride  0.1 M MES pH 6.5  1.8 M Ammonium sulfate |
| 38 | CS2 18 | 20,5 | 64,5 | 32,6 | 2,9 | 1,14 | 0.49 M Sodium phosphate  0.91 M Potassium phosphate |
| 39 | CS1 4 | 20,7 | 71,6 | 25,1 | 3,3 | 1,22 | 2.0 M Ammonium sulfate  5 %(v/v) Isopropanol |
| 40 | CS1 57 | 20,8 | 69 | 27,6 | 3,4 | 1,27 | 0.5 M Ammonium sulfate  0.1 M tri - Sodium citrate pH 5.6  1.0 M Lithium sulfate |
| 41 | CS1 30 | 21,1 | 71,6 | 24,6 | 3,8 | 1,23 | 0.1 M TRIS.HCl pH 8.5  2.0 M Ammonium sulfate |
| 42 | CS2 19 | 21,4 | 66,2 | 29,8 | 4 | 1,06 | 0.056 M Sodium phosphate  0.91 M Potassium phosphate |
| 43 | CS1 29 | 21,3 | 72,3 | 23,7 | 4 | 1,09 | 0.1 M Sodium acetate pH 4.6  2.0 M Ammonium sulfate |
| 44 | CS1 60 | 21,4 | 72,8 | 23 | 4,2 | 1,18 | 0.1 M BICINE pH 9.0  2.0 M Magnesium chloride |
| 45 | CS1 31 | 21,5 | 71,1 | 24,6 | 4,3 | 1,2 | 2.0 M Ammonium sulfate |
| 46 | CS1 47 | 21,6 | 73,2 | 22,4 | 4,4 | 1,13 | 0.1 M Sodium acetate pH 4.6  2.0 M Sodium formate |