

**Table 1: Biomass composition of *S. solfataricus* P2 grown on caseinhydrolysate.**

Protein, RNA and DNA content during the logarithmic growth phase were investigated in this study. The values represent the average of at least three independent experiments. Errors represent the standard deviation between the experiments.

| Component    | Percentage [%] | Reference  |
|--------------|----------------|------------|
| Proteins     | 70.72 ± 1.79   | This study |
| RNA          | 2.42 ± 0.30    | This study |
| DNA          | 1.24 ± 0.19    | This study |
| Lipids       | 7.5            | [1]        |
| Soluble pool | 3.2            | [2]        |
| Glycogen     | 14.92          | [3,4]      |

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3 König H, Skorko R, Zillig W & Reiter W-D (1982) Glycogen in thermoacidophilic archaeobacteria of the genera *Sulfolobus*, *Thermoproteus*, *Desulfurococcus* and *Thermococcus*. *Arch. Microbiol.* **132**, 297–303.

4 Iglesias AA & Preiss J (1992) Bacterial glycogen and plant starch biosynthesis. *Biochem. Educ.* **20**, 196–203.