

Result Mycology QAP for 2004

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www.mycology.adelaide.edu.au

2004:2:7A *Phialophora verrucosa*: **80% correct to species level**
86% correct to genus level

Comment: good result, misidentifications confined to *Cladophialophora*, *Exophiala* and *Fonsecaea*, so most laboratories are on the right path.

2004:2:7B *Trichophyton tonsurans*: **79% correct to species level**
97% correct to genus level

Comment: good result, 10% misidentified as *T. verrucosum* (? freeze drying effect on primary culture), most other miss-matches reported a *Trichophyton* sp.

2004:2:7C *Candida dubliniensis*: **83% correct to species level**
99% correct to genus level

Comment: good result, 10% still identified as *C. albicans* (? +ve germ tube test or older databases).

2004:4:7A *Cunninghamella bertholletiae*: **75% correct to species level**
90% correct to genus level

Comment: very good to genus level most others got to a zygomycete.

2004:4:7B *Trichosporon asahii*: **57% correct to species level**
89% correct to genus level

Comment: improving, 16% still report as *Trichosporon beigelii*.

2004:4:7C *Aspergillus flavus*: **83% correct to species level**
98% correct to genus level

Comment: very good, 8% misidentified as *A. fumigatus*.

2004:6:7A *Cladosporium* sp: **71% correct to genus level**
(*C. sphaerospermum*)

Comment: genus level identification only required, however 17% incorrectly reported *Cladophialophora carrionii*. Laboratories need to be able to make the distinction between *Cladosporium* and *Cladophialophora*.

2004:6:7B *Cryptococcus neoformans*: **89% correct to species level**
99% correct to genus level

Comment: very good, new species definitions need to be noted and CGB medium may give false results if not quality controlled properly.

2004:6:7C *Absidia corymbifera*: **60% correct to species level**
70% correct to genus level

Comment: 12% misidentified as *Mucor*, 7% as *Apophysomyces* and 6% as *Rhizomucor*, most got to a zygomycete.

2004:8:7A *Aureobasidium pullulans*: **53% correct to species level**
56% correct to genus level

Comments: Most laboratories did OK, but 10% reported *Exophiala jeanselmei*, 10% *Hortaea werneckii*, 6% *Scytalidium* and 5% *Hormonema*. This can be a difficult group to distinguish so more will be sent out!

2004:8:7B *Paecilomyces sp. (lilacinus)*: **86% correct to genus level**

Comment: good result, genus level identification only required although 26% of laboratories reported a correct species identification.

2004:8:7C *Chrysosporium sp. (tropicum)*: **86% correct to genus level**

Comment: good result, genus level identification only required.