

From page 73 - microscopic examination of RMR1029  
Ames spores - on 3-17-98

I examined the Ames spores ( $\approx 3 \times 10^8$ /ml, the 1:100 dilution from the previous page), RMR1029, on an Olympus BH-2 microscope, 1000X phase contrast (oil), in room B304, MMCN = C0926.

I looked at 50 fields (different fields), with at least 20 spores per field, so I looked at more than 1000 different spores. I saw:

- 1) no vegetative cells
- 2) Four (4) non-refractile spores
- 3) less than 1% "debris" (unidentifiable material)
- 4) The spores were not clumped, but were present as individual spores in suspension.

Based on the above observations, we have for RMR1029:

$\geq$  99% refractile spores

$<$  1% vegetative cells

$<$  1% non-refractile spores

$\leq$  1% debris

→ Capsule information on next page ←

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