



Plaque morphology of bacteriophage Mahtaab on *Arthrobacter globiformis* lawn.

Plaques were observed following infection of *Arthrobacter globiformis* strain B-4225 with bacteriophage Mahtaab at a 10^{-8} dilution on a PY agar plate, incubated at 30 °C for 24 hours. Mahtaab produces clear, circular plaques approximately 2–3 mm in diameter. The sharp, well-defined plaque boundaries and absence of turbidity are consistent with a strictly lytic phage that efficiently lyses host cells upon infection.