

<b>VERSION:</b> 1.3	<b>DATE:</b> 3 / 1 / 2024
<b>PATHOGEN:</b> Alternaria radicina	
<b>HOST:</b> carrot (Daucus carotae)	
<b>COMMON NAME:</b> black rot and damping-off	
<b>METHOD:</b> Rb 3.1 ISTA Method 7-002a: ver 1.5 (2024)	
<b>METHOD CLASS:</b> STANDARD (A)	
<b>SAMPLE:</b> 400 seeds	

**REVISION HISTORY:**

- NSHS Version 1.2: Clarifications and not changes to procedure:
  - ISTA Method 7-002a ver 1.5, 2024-01-01: Sample size and figures revised.
- NSHS Version 1.2: Clarifications and not changes to procedure:
  - ISTA Method 7-002a ver 1.4, 2021-01-01: Sample size added and Methods revised.

**PROCEDURE:**

Blotter Method:

[ISTA 2024 7-002a: ver 1.5](#)

**REFERENCES:**

International Rules for Seed Testing. Annexe to Chapter 7: Seed Health Testing Methods. 2024. 7-002a: ver 1.5 Blotter method for the detection of Alternaria radicina on Daucus carota (carrot).