

Certificate of Origin and Analysis (CofA)

The Freeze-dried OP50 is produced and processed at LabTIE International located at Munnikenstraat 91, 2315KW Leiden, LabTIE International, and the Agro Business Park 22, 6708 Wageningen.

Product Specifications

Features	Details
Strain:	OP50 (<i>Escherichia coli</i>), Uracil auxotroph. E. coli B. Biosafety Level: BSL-1.
Substance:	Powdered (freeze-dried)
Monoculture:	Empty vials were Gamma rayed 25 kiloGray (kGy), Monoculture OP50 present in the vials was not Gamma rayed
Density:	Content: 1e+12 cells, whereof 5e+8 viable
Solubility:	Good - Color: Turbid yellow when dissolved in H2O/S-medium
Cultivation methodology:	n.a.
Contents cultivation medium*:	n.a.

Storage Information

Freeze-dried OP50 (dry):	-20°C
Resuspended OP50:	4°C

*If you only need a small amount of freeze-dried OP50, we would like to advise you to **only suspend half of the vial**. The 'dry powder' is the most stable and consistent way to store the OP50.

If you have any questions, please contact support@nemamatrix.com