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Certificate of Analysis

Product	64438 - DH5a Competent Cells for Subcloning
Batch No	5988124
Analysis Date	15-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	September 2024

Test Parameters	Standards	Actual Results
Antibiotic Sensitivity (Positive)	DH5a Competent cells, 10µl were streaked into a LB Agar plate containing Nalidixic acid, will form colonies after incubation for overnight at 37°C.	Conforms
Antibiotic Sensitivity (Negative)	DH5a Competent cells, 10µl were streaked into a LB Agar plate containing Ampicillin, will not form colonies after incubation for overnight at 37°C.	Conforms
Blue - White Screening	DH5a Competent cells were shown to be suitable for blue white screening by α - complementation of the β - galactosidase gene using pUC19.	Conforms
Transformation Efficiency	DH5a Competent cells, 50 µl were transformed with 200pg of pUC19 DNA using standard protocol. Incubation overnight on LB Agar plates shown $\geq 1 \times 10^6$ cfu/µg of DNA.	Conforms
Storage	-20°C	Maintained

FRM/82/11/5/64438 Rev No. 1 Date 24/11/2021

Prepared by KalaiSelvi

In compliance with the standard specifications of SRL

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