



CERTIFICATE OF ANALYSIS

ATCC® Number: CRL-2266™
Lot Number: 62431864

Name: SH-SY5Y
Description: Neuroblastoma
Species: Human (*Homo sapiens*)
Volume/Ampule: Approximately 1 mL
Date Frozen: January 19, 2015
Recovery: A T-25 setup at a dilution of 1:10 reaches approximately 20-30% confluence in 2 days.
A T-75 setup at a dilution of 1:15 reaches approximately 20% confluence in 3 days.
Product Format: Cells cryopreserved in the appropriate cryopreservation medium
Expiration Date: Not applicable
Storage Conditions: Vapor phase of liquid nitrogen

Test / Method	Specification	Result
Ampule passage number	Report results	27
Population doubling level (PDL)	Report results	Not applicable
Total cells/ampule (Cell count using Trypan Blue stain method)	Report results	1.7 x 10 ⁶ total cells/ampule
Post-freeze viability (Cell count using Trypan Blue stain method)	≥ 50.0%	74.6%
Growth properties (Visual observation method)	Mixed – adherent and/or suspension	Mixed – adherent and suspension
Morphology (Visual observation method)	Neuronal-like	Neuronal-like
Test for mycoplasma contamination Hoechst DNA stain (indirect) method Agar culture (direct) method	None detected None detected	None detected None detected
Species determination: COI assay (interspecies)	Human	Human

ATCC
10801 University Boulevard
Manassas, VA 20110-2209 USA
www.atcc.org

800-638-6597 or 703-365-2700
Fax: 703-365-2750
E-mail: tech@atcc.org
or contact your local distributor



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Species determination: STR analysis (intraspecies)	Human (Unique DNA Profile) TH01: 7, 10 D5S818: 12 D13S317: 11 D7S820: 7, 10 D16S539: 8, 13 CSF1PO: 11 Amelogenin: X vWA: 14, 18 TPOX: 8, 11	Human (Unique DNA Profile) TH01: 7, 10 D5S818: 12 D13S317: 11 D7S820: 7, 10 D16S539: 8, 13 CSF1PO: 11 Amelogenin: X vWA: 14, 18 TPOX: 8, 11
Sterility test (BacT/ALERT 3D) iAST bottle (aerobic) at 32°C iNST bottle (anaerobic) at 32°C	No growth No growth	No growth No growth
Human pathogenic virus testing (PCR-based assay for HIV, HepB, HPV, EBV, and CMV)	Report results	HIV – None detected HepB – None detected HPV – None detected EBV – None detected CMV – None detected

Quality Assurance Specialist; Quality Assurance

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