



**Summary of Third-Party Testing on Phenotype Model EL-05**

Testing results for Phenotype’s 5-layer Surgical Masks performed by Third-Party Laboratories are summarized in the following Tables below.

Original Lab Report Documentation is available upon request.

**Important Note:** Testing results **do not represent official certification** by NIOSH. No such claim is made by Phenotype Pharmaceuticals. Data is provided as is, for **informational purposes only**, and is applicable to the mask body only. End user fit determines ultimate effectiveness.

**Table 1: Advanced Particle Filtration – Sodium Chloride Aerosol Challenge  
Performed By: Nelson Labs (Salt Lake City, Utah)**

	Test Method	Minimum Passing Standard	Test results
Sodium Chloride Aerosol Challenge – 0.3 µm particles	TEB-APR-STP-0059 / 42 CFR Part 84 – N95 Respirator	≥95% Filter Efficiency	<b>PASS</b> ≥99% Filter Efficiency, 20/20 samples

**Table 2: Breathability - Inhalation and Exhalation Resistance  
Performed By: Nelson Labs (Salt Lake City, Utah)**

	Test Method	Minimum Passing Standard	Test results
Inhalation Resistance Pressure	TEB-APR-STP-0007 / 42 CFR Part 84 – N95 Respirator	≤35mm H2O	<b>PASS</b> ≤22mm H2O , 3/3 samples
Exhalation Resistance Pressure	TEB-APR-STP-0003 / 42 CFR Part 84 – N95 Respirator	≤25mm H2O	<b>PASS</b> ≤19mm H2O, 3/3 samples

**Table 3: Fluid Resistance - Resistance to Penetration by Synthetic Blood  
Performed By: Eurofins Medical Device Testing (Lancaster, Pennsylvania)**

	Test Method	Minimum Passing Standard	Test results
Resistance to Synthetic Blood – Level 2 Barrier Rating	ASTM F1862/F1862M-17; ASTM F2100-19 Medical Face Mask	No Fluid Penetration at 120 mmHg Pressure (Level 2)	<b>PASS</b> No Fluid Penetration, Level 2, 32/32 samples



**Table 4: Safe for Clothing - Flammability Rating**  
**Performed By: Eurofins Medical Device Testing (Lancaster, Pennsylvania)**

	Test Method	Minimum Passing Standard	Test results
Flammability Class Rating 1	16 CFR Part 1610	Class 1 – fabric burns $\geq$ 3.5sec	<b>PASS</b> No Ignition, 9/9 samples