

Purilum

The **Future** of Flavor

AGENDA

Purilum - Who we are

- Background, Statistics & Community

Purilum - What we do

- Facility & Product offerings

Purilum - How do we do it

- Toxicology, standards

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Purilum was incorporated in Greenville NC on 22nd November 2013



- **Molecular Flavor Formulation**
- **World-Class Flavorist/ Organic Chemist**
- **Experienced in Sophisticated Laboratory Testing**
- **Quality Standards Expertise (CGMP, ISO)**

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- **Product Commercialization**
- **Marketing and Sales Expertise**
- **Customer Service Oriented**
- **Tobacco Regulatory Experience**

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Total Investment **\$3,310,000**

No of employees **25 employees (includes 2 PhDs)**

Average Salary **\$ 27,406.58**

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PURILUM DELIVERS

- Flavor Creation
- E-Liquid Manufacturing
- E-Services
 - ✓ Cartomizer Filling
 - ✓ Bottle Filling
- Value-Added Support Services



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The Purilum Difference

Flavor Expertise

With 60 years of combined experience Purilum's founders are experienced flavorists /chemists and personally develop each flavor.

Traceability

Complete traceability from raw materials to finished products with batch labeling and purity verification / certifications.

Purity

Rigid testing standards that meet USP requirements to verify purity at every stage of development.

Consistency

Automated processes and manufacturing standards in a GMP-compliant environment ensures consistent quality and flavor.

Capacity

Fully-automated facility for maximum output and unrivaled capacity and efficiency through economies of scale.

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TRACEABILITY

- Traceability of e-liquid ingredients used from flavor development, nicotine, and PG/VG.
- Traceability throughout production, including, machinery, production line, and shift.



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PURITY VERIFICATION

TOXICOLOGY

- Chris Coggins, Ph.D. Board Certified, US, UK
Registered Toxicologist with special expertise in traditional combustible inhalation, toxicology, general toxicology, and toxicological pathology and epidemiology
- Review for ingredient suitability prior to inclusion
- Provides a multi stage risk assessment of all materials prior to use



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PURITY VERIFICATION

IN-HOUSE TESTING

- Ingredient Purity Verification
 - ✓ Gas Chromatography
 - ✓ Quarantined prior to approval for production usage
- E-liquid Batch Testing
 - ✓ Batch Labeling
 - ✓ Quality Certificate
- Finished Product Ratio Testing (Nicotine, PG/VG)
- Finished Product & Ingredient Traceability



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