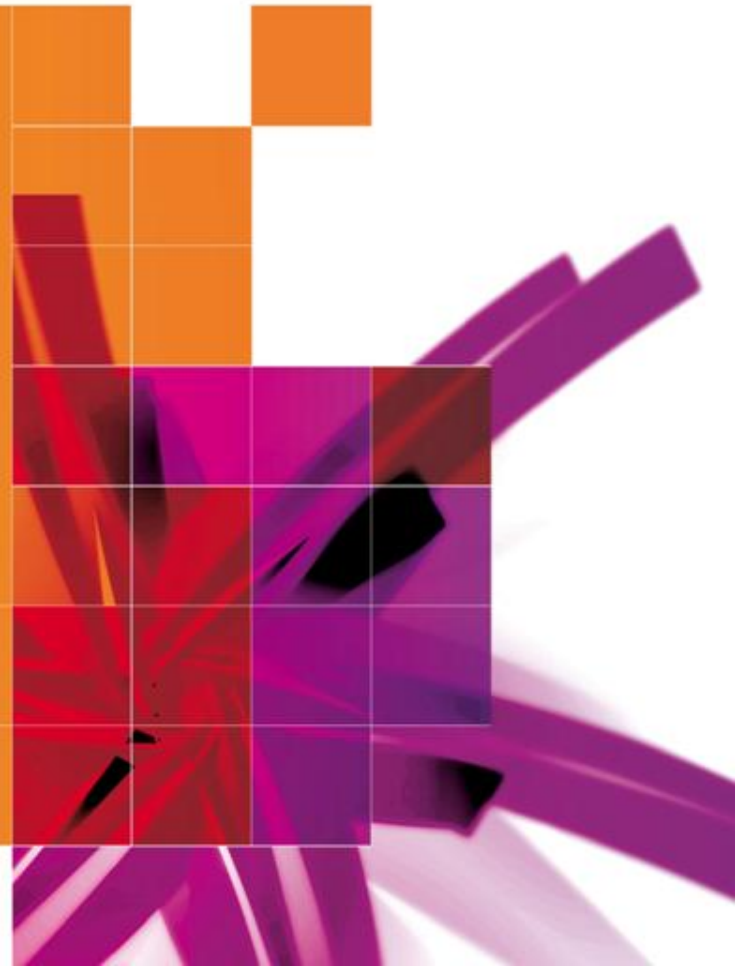




do more  
feel better  
live longer

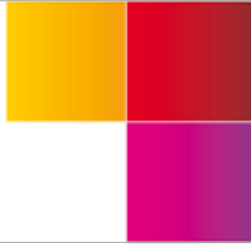


# GlaxoSmithKline Aiken Factory Capabilities



# GSK Aiken

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- **Site Overview**
- **Key Strengths**
- **Capabilities**
- **Capacity Utilization**

# Site Overview



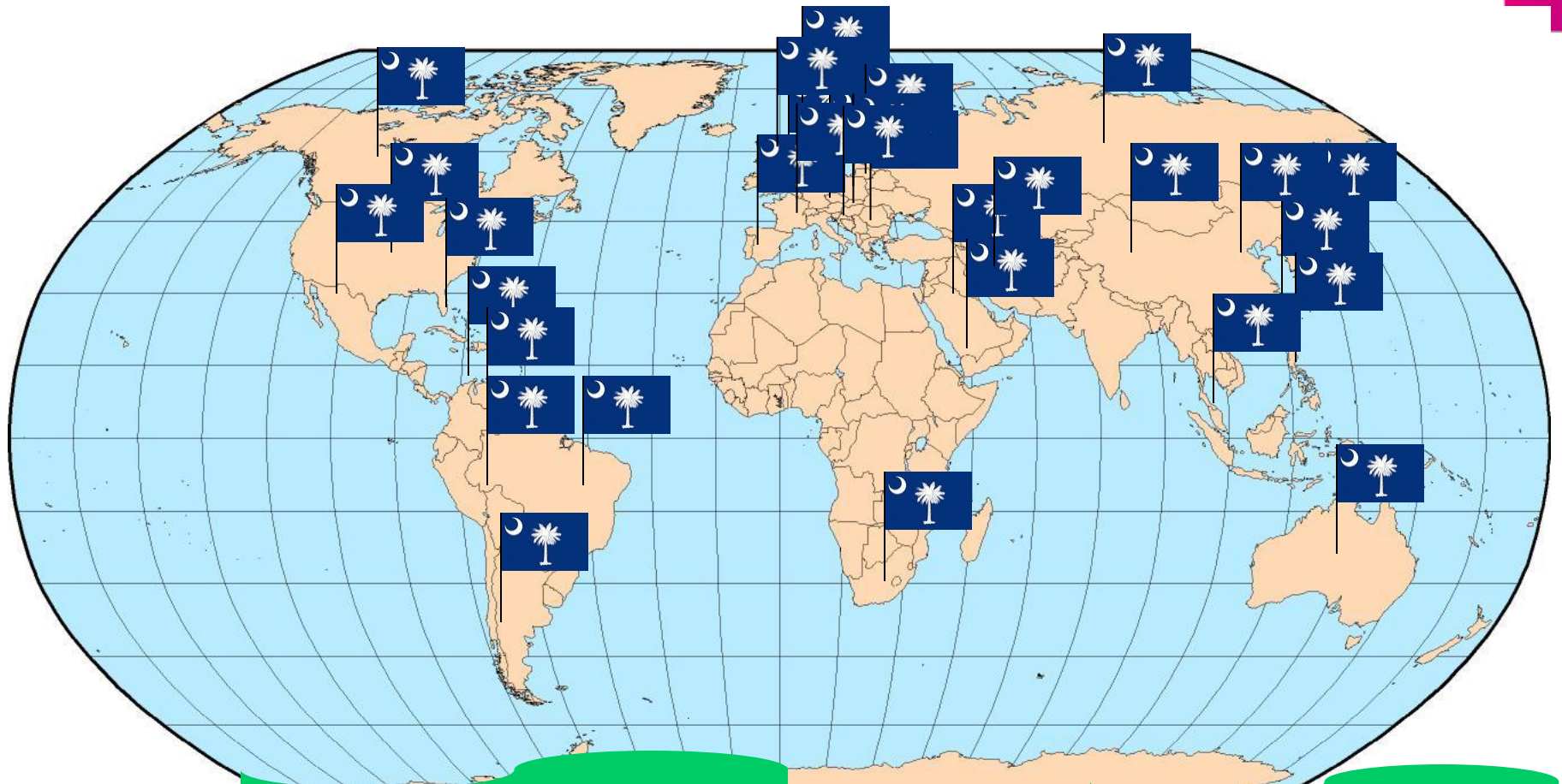
## Facilities

250,000 sq. ft. Structure

43 acres owned

- OTC Manufacturing and Packaging Facility, established in 1978.
- 13 Consumer Brands and over 125 SKUs currently produced.
- Global supplier to 56 different Countries.
- Multiple successful Rx to OTC switches

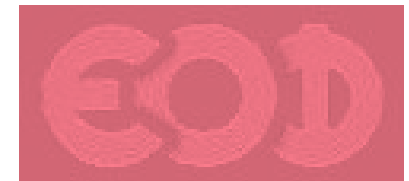
# Markets Currently Supplied by Aiken



**70 new SKUs supplied in the past 2 years**

**56 countries supplied**

# Who are we regulated by?



**Australian Government**  
Department of Health and Ageing  
Therapeutic Goods Administration



**Health  
Canada**

**Santé  
Canada**

# Key Strengths

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**Quality and Compliance** – a history of successful audits from multiple international regulatory agencies, including FDA, EMA, GCC, and ANVISA.

**Safety** – a proactive, behavioral based safety program providing associates an environment where they leave work the same way they came.

**Customer Service** – a factory whose key measure is “did you do what you said you were going to do when you said you were going to do it?”

**Cost** – a factory where Lean Practitioners drive waste out of the business to provide a cost that is better than the industry benchmark.

**Sustainability** – an energy use reduction of greater than 15% in the past two years

# Manufacturing Capabilities

## Manufacturing

High Shear Wet Granulation

Continuous Wet Granulation

Top Spray Granulation

Extrusion

Spheronization

Fluid Bed Drying

Powder Blending

Tablet Compression

Encapsulation

Functional (Enteric) Coating

Aqueous Film Coating

Solution Manufacturing



# Packaging Capabilities

## Packaging

Primary Blister Pack  
-Foil to Foil, PVC/PVDC, Aclar

Bottle Filling  
-20 to 250 cc

Desiccant Filling

Vial Filling/Packaging

Neckbanding

Pressure Roll Labeling

Shrink Labeling

OCR Vision Systems

2D Bar coding

Check weighing

Carton Packaging  
-Literature and Bonus Pack Feed





# Laboratory Capabilities



## Quality and Analytical

HPLC (Variable UV and Refractive index detectors) and GC (FID)

Dissolution via USP/EP Apparatus 1, 2 and 3

Spectroscopy by UV/Visible, FTIR, and handheld Raman ID systems

Atomic Absorption Spectroscopy

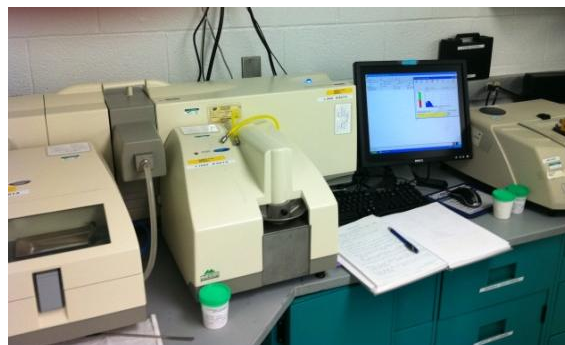
Total Organic Carbon Analysis

Laser Diffraction Particle Analysis

Copy comparator system for multilingual copy verification

Fully integrated LIMS system interfaced to site MRP system

TrackWise software for deviation and CAPA tracking



# Aiken's Capacity Utilization

Dose Form Group	Production Stage	Site Resource Group	2013	2014	2015
Tablet & Capsule	Granulation (high sheer)	Granulator/Fluid Bed Dryer	11	11	11
Capsule	Encapsulation	Encapsulator	14	14	14
Lozenge	Granulation (continuous)	MMG Train	46	44	42
Lozenge	Blending/Compression	Blender/Tablet Press (2)	70	67	63
Tablet	Blending	Ecotrin Blender	19	19	19
Tablet	Blending	Dry Granulation Blender	9	9	9
Tablet	Compression	Ecotrin Tablet Press	31	31	31
Tablet	Compression	Dry Granulation Presses (3)	6	6	6
Tablet	Coating	Ecotrin Coater (4)	21	21	21
Tablet	Coating	Dry Granulation Coater	10	10	10
Solid Dosage Pack	Blister	Line 67 (Nicotine Lozenge)	8	8	7
Solid Dosage Pack	Blister	Line 62 (Contac, Tagamet, Phazyme)	41	41	41
Solid Dosage Pack	Blister	Line 63 (Vivarin, Sominex, Nytol)	26	26	26
Solid Dosage Pack	Bottle	Line 71 (alli)	15	15	15
Solid Dosage Pack	Bottle	Line 69 (Beano)	36	36	36
Solid Dosage Pack	Bottle	Line 46 (Panadol, Ecotrin, Feosol)	52	52	52
Solid Dosage Pack	Vials	Line 74 (Nicotine Lozenge)	81	77	73
Solid Dosage Pack	Mini Vials	Line 75 (Nicotine Mini Lozenges)	38	36	34
		<b>Color legend</b>			
		White: less than 33%			
		Blue: 33-50%			
		Green: 50-66%			
		Amber: 66-79%			
		Red: greater than 80%			

# What can GSK Aiken do for you?

GSK Aiken can provide you with a source of supply that is compliant, cost effective, and customer service oriented.

Additionally, we offer a safe work environment for our associates, and our sustainability programs make us environmentally friendly.

To further explore what GSK Aiken can do for you, contact

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