

AENOVA CAPABILITIES

As a leading global contract manufacturer and development service provider with 14 production sites in Europe and the USA, we offer extensive capabilities for Steriles, Semi-Solids, Solids and Packaging.

Solids & Softgels – Bulk

	BAA	COR	GRO	KIL	KIR	LAT	MRB	MST	RBG	SIS	TIM
Tablets											
Immediate Release			●			● ³	●	● ¹	● ¹	●	●
Controlled Release			●			● ³	●	● ¹	● ¹	●	●
Film Coated			●			● ³	●	● ¹	● ¹	●	●
Sugar Coated			●					● ¹	● ¹	●	●
Bilayer										●	
Chewables/Lozenges/Oral Dispersible Tablets			●			●	●			●	●
Effervescent Tablets	●						●			●	
Hard Gel Capsules											
Powders/Granulates				●		● ³	●		● ¹	●	●
Pellets (Designed Release)				●			●		● ¹		
Tablet in a Capsule							●				
Mini/Micro Tablets							●		● ¹		
Film Coated							●		● ¹	●	●
Dry Powder Inhalation (micro-dosed capsules)											
								● ²			
Powders/Granulates for Oral Solutions											
Powders/Granulates	●		●			●				●	
Effervescent Powders/Granulates	●									●	
Chewable Gels/Gummies											
		●									
Soft Capsules											
Soft Gelatine Capsules		●			● ¹						
Vegetarian Softgel Capsules		●									
Bioavailability Enhancing Technologies											
Hot Melt Extrusion										●	
Bulk Lyophilization									● ¹		
Lipid Based Formulations		●			●						
Animal Health⁴											
	●		●		●	● ⁵		●	●		
Controlled Substances											
	●		●		●		●	●	●	●	●
Occupational Exposure Limits (µg/m³)											
OEB 1 (10,000 to 1,000)	●	●	●	●	●	●	●	●	●	●	●
OEB 2 (1,000 to 100)	●	●	●		●	●	●	●	●	●	●
OEB 3 (100 to 10)	●	●	● ⁶	●	●	●	● ⁶	●	●	●	● ⁶
OEB 4 (10 to 1)					●	● ⁶		●	●		
OEB 5 (1 to 0.01)					●			●	●		

Solids & Softgels - Bulk

¹ Including High Potent APIs

² Only High Potent APIs

³ Including anti-infectives (BetaLactams)

⁴ If API common to Human Health except otherwise indicated (see footnote AH)

⁵ Dedicated plant for Animal Health products incl. Parasitizides

⁶ Molecule dependent

Steriles

⁷ Including cytostatic, cytotoxic and others

⁸ API must also be used for human application (exception intramammary syringes at LAT)

⁹ Powder filling into vials for cephalosporins & penicillins only

¹⁰ No sex hormones

Abbreviations

BAA – Bad Aibling

CAR – Carugate

COR – Cornu

FKB – Feldkirchen

GRO – Gronau

KIL – Killorglin

KIR – Kirchberg

LAT – Latina

MRB – Marburg

MST – Münster

RBG – Regensburg

SIS – Sisseln

TIM – Tittmoning

Steriles

	LAT
Aseptic Processing	●
Terminal Sterilization (amps/vials)	●
Small Molecule	●
Biologics (up to BSL 2)	●
High Potent⁷	
Occupational Exposure Limits (µg/m³)	
OEB 1 (10,000 to 1,000)	●
OEB 2 (1,000 to 100)	●
OEB 3 (100 to 10)	●
OEB 4 (10 to 1)	
OEB 5 (1 to 0.01)	
Hormones¹⁰	
Betalactams: Penicillin	
Sterile Powder for Injection	●
Sterile Liquid Vials	●
Sterile Intramammary Syringes	●
Tablets, Capsules, Dry Powders	●
Betalactams: Cephalosporin	
Sterile Powder for Injection	●
Sterile Intramammary Syringes	●
Animal Health⁸	
Controlled Substances	
Glass Vials - Liquid	2R-10R
Glass Vial - Lyo	
Plastic Vials - Liquid	2R-10R
Glass Vials - Powder Filling	5-250ml ⁹
Glass Ampoules	
Prefilled Syringes (glass & plastic)	0.5ml-10ml
Glass Cartridges	to be evaluated
Intramammary Syringes - AH	5,7,12ml

Semi-Solids & Liquids

	CAR	FKB	GRO	RBG
Suppositories/Vaginal Ovules				
Plastic (ie. PVC/PE)	●		●	
Foil (ie. Alu/PE)	●		●	
Creams/Ointments/Gels				
Bottles				●
Pumps	●			●
Drops				●
Jars	●			
Sachets				
Tubes	●	●		●
Liquids (Non Sterile)				
Emulsions	● ⁹	● ⁵		●
Suspensions	●			●
Bottles	●			●
Nasal Sprays	● ⁶			● ⁶
Droppers	●			●
Pumps	●			●
Foams	● ¹⁰	● ¹⁰		
Hormones				
	● ⁷	● ⁷		●
High Potent				
		●		●
Animal Health⁸				
	●	●		
Controlled Substances				
		●	●	
Occupational Exposure Limits (µg/m⁵)				
OEB 1 (10,000 to 1,000)	●	●	●	●
OEB 2 (1,000 to 100)	●	●	●	●
OEB 5 (100 to 10)	●	●		●
OEB 6 (10 to 1)	●	●		●
OEB 5 (1 to 0.01)	● ¹¹			

Solids - Packaging

- ¹ Multi-Tablet Blister
- ² Pouching
- ³ Manual fill
- ⁴ External Partner

Semi-solids & Liquids

- ⁵ Bulk only, no packaging (alcohol content up to 30%)
- ⁶ Not pressurized
- ⁷ Only corticosteroids
- ⁸ API must also be used for human application
- ⁹ Including flammables (ATEX area)
- ¹⁰ Bulk only (pressurization performed externally)
- ¹¹ Molecule dependent

Solids - Packaging

	BAA	CAR	COR	FKB	GRB	GRO	KIR	LAT	MRB	MST	RBG	SIS	TIM
Tablets													
Bottles					●	●			●	●	●		●
Blisters	● ¹				●	●		●	● ¹	● ^{1/2}	●	●	●
Strips	●							●				●	
Sachets	●				● ³							● ⁴	
Tubes	●								●			●	
Hard Gel Capsules													
Bottles					●	●			●	●	●		●
Blisters	● ¹				●	●		●	● ¹	● ^{1/2}	●	●	●
Dry Powder Inhalation (micro-dosed capsules)													
Combination packaging (incl. device)										●			
Powders/Granulates for Oral Solutions													
Strips	●											●	
Sachets	●							●				● ⁴	
Bottles						●		●					
Softgel Capsules													
Bottles			●		●	●			●	●	●		●
Blisters	● ¹		●		●	●	●		● ¹	● ^{1/2}	●	●	●
Clinical Trial Supply													
CT Packaging					●	●		●	●	●	●	●	
CT Blinding & Distribution						●							

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