



DC CoDried Powders

Preformulated Antacid Powders



DC CoDried Preformulated Powders

There are multiple approaches to dealing with acid indigestion and heartburn. SPI Pharma offers single active ingredients or preformulated combination actives of aluminum compounds, magnesium compounds, aluminum/magnesium compounds, carbonated compounds and associations of antacids (antiflatulent and antiregurgitant).

Direct Compression (DC) CoDried Powders are preformulated products for a more simple, quick and cost effective manufacturing process of immediate relief antacid tablets. An improved, smooth mouthfeel is created by porous, spherical particles with uniform size distribution. This delivers a uniform and homogenous dosage.

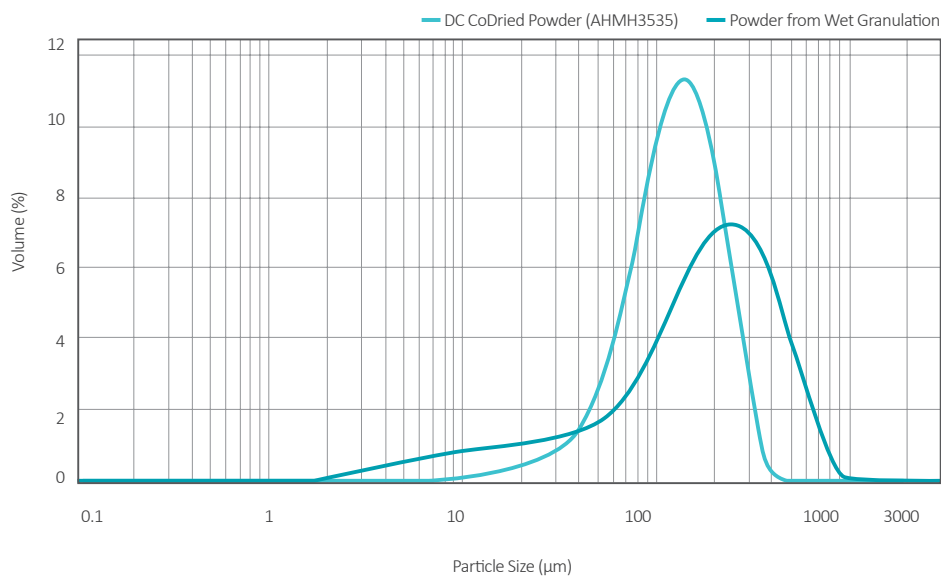
The process is very consistent because it utilizes CoDried technology, creating the same composition from one granule to another. Antacid active ingredients are preformulated with excipients into DC CoDried Powders to facilitate the manufacture of antacid tablets.

Your next step will be to determine which products best suit your formulation needs by using the comparison chart below for typical grades of DC CoDried Powders.

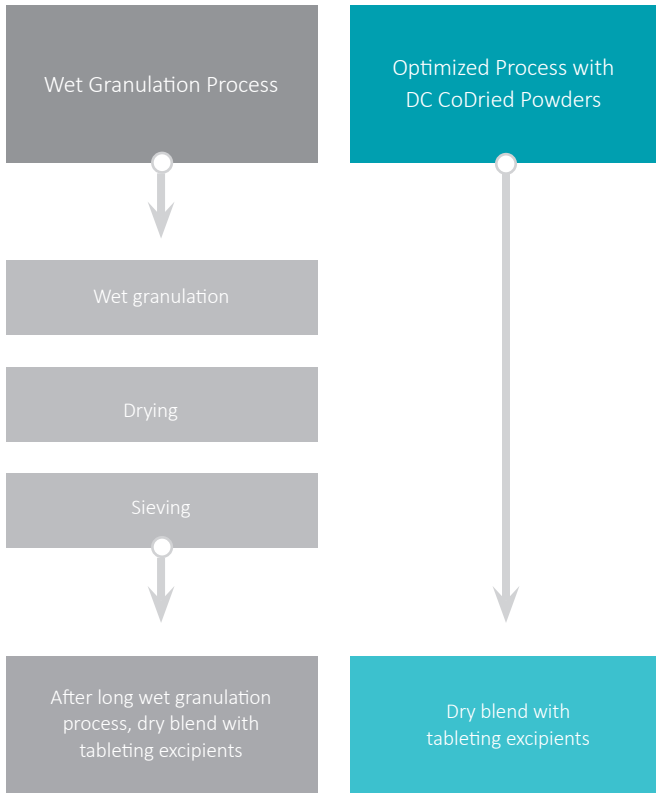
For information on customization, contact our sales team at salesinfo@spipharma.com.

GRADES	ALUMINUM ASSAY	MAGNESIUM ASSAY	TABLET TYPE
AHMH 2743	27% Al Hydrox DG	43% Mg Hydrox	250- 400 mg
AHMH 3535	35% Al Hydrox DG	35% Mg Hydrox	400- 400 mg

Particle Size Distribution AHMH3535



Advantages of DC CoDried Powders



DC CoDried Powders offer many advantages including reduced inventory requiring less QC testing; a short process that maintains a low cycle time and uses less equipment; provides 100% yield; eliminates the risk of batch failure for higher security; and creates a consistent product.

OUR PRODUCTS AND SERVICES CAN HELP YOU SOLVE THE MOST CHALLENGING FORMULATION PROBLEMS— EFFICIENTLY, COST-EFFECTIVELY AND WITH A FOCUS ON SERVICE.

ANTACID ACTIVES

A full range of aluminum, magnesium, and calcium products, as well as preformulated solutions for the production of antacid suspensions and tablets.

FUNCTIONAL EXCIPIENTS

Ingredients and formulation expertise to support a wide range of patient friendly dosage forms.

DRUG DELIVERY SYSTEMS

A full spectrum of ODT products, services, and technologies support every stage of your product life cycle.

TASTE-MASKED ACTIVES

Our Actimask® technology provides an excellent taste barrier and mouth feel without hindering API release and onset of therapeutic relief.

VACCINE ADJUVANTS

Aluminum hydroxide vaccine adjuvants exhibiting a very regular profile in terms of compliance, morphology, particle size distribution, and protein adsorption capacity.

DRUG DEVELOPMENT SERVICES

Our complete drug development and testing service can provide unique options to energize your drug portfolio. No time? Limited resources? We can deliver your project to you.

DC CoDried Powders

DC CoDried Powders	AHMH 2743	AHMH 3535
CHARACTERISTICS		
Description	White to creamy white, odorless, sweet taste powder	White to creamy white, odorless, sweet taste powder
PHYSICAL		
Tapped Density		NLT 0.60 g/mL
CHEMICAL		
Aluminum Assay Al ₂ O ₃	12.1- 14.7%	16.4- 19.0%
<i>As Al Hydroxide Dried Gel (powder form) USP at 50.0% Al₂O₃</i>	24.2- 29.4%	32.8- 38.0%
Assay Mg(OH) ₂	38.6- 47.2%	32.8- 38.0%
Ratio Al ₂ O ₃ /Mg(OH) ₂	0.297- 0.328	0.475- 0.525
Moisture at 80°C	NMT 5.0%	3.5- 5.0%
Acid Neutralizing Capacity		19.9- 24.3 mEq/g
MICROBIAL		
Microbial Total Aerobic Count	NMT 100 (cfu/g)	NMT 100 (cfu/g)
<i>E. Coli</i>	Absence	Absence

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