

ALVACAT

The Silicon Valley Company

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Portfolio



Identification

Preparation

Test

Transfer

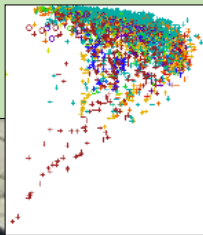
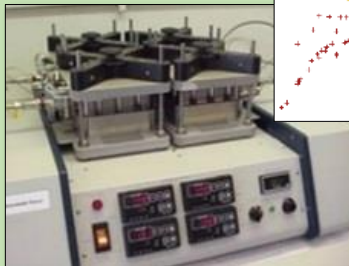
- Problem analysis, search „out of box“ solution
- Preparation and characterization
- High-throughput screening
- Recipe development
- Recipe transfer
- Production support

www.alvacat.com

ALVA

Alvacat was founded by Dr. Alfred Hagemeyer and Dr. Valery Sokolovskii in 2015. The founders look back on 60+ years of industrial experience in large corporations (BASF, Hoechst, Sued-Chemie/Clariant) as well as innovative startups (Catalytica, Symyx, Rennovia) and authored more than 200 patents.

Alvacat is focused on contract research offering catalyst development, i.e. synthesis and testing in high-throughput and bench scale reactors, and optionally assistance with piloting and plant trials.



Highlight

Core-shell catalyst development

- Proprietary shell formation methods
- Physical shells by coating
- Wet chemical shells
- Liquid phase and gas phase reduction
- Precursor solution data base
- Scalable recipes



Highlight

Shaping, Extrusion

- Library of binders
- Variety of lubricants
- Pore builders
- High crush strength
- Large pore volume

