

León & San Cristóbal: Site Capabilities Overview

Curia's sites in León & San Cristóbal, Spain, specialize in biotechnology development services, fermentation production and downstream process (DSP) for pharmaceutical, cosmetic and food industries.

www.curiaglobal.com/small-molecule/



SITE EXPERTISE



Fermentation

» Cell banks | GMO strains | Strain improvement | Fermentation development | Fermentation scale-up Bioconversions



Centrifugation and filtration

» León: Aqueous filtrations & centrifugations (e.g. fermentation broth) | San Cristóbal: Organic solvent processing with ATEX equipment (decanter, tricanter)



Tangential flow filtration

» The site provides TFF equipment for MF, UF, NF, and DF, supporting lab, pilot, and large-scale operations.



Liquid-to-liquid extraction

» ATEX-certified equipment in San Cristóbal supports liquid extraction, phase separation, and thermal processing.



Industrial chromatography

» Expertise in chromatography (normal, reverse phase, ion exchange) for purification from development to scale-up, including lipids for LNPs, nucleotides, and proteins.



Chemical synthesis

» Typical chemical syntheses that the site can performed include among others, protections, cyanation, decarboxylation, hydrolysis, etc Typical chemical syntheses can be performed, including protections, cyanation, decarboxylation, hydrolysis, etc.

CAPABILITIES



Total reactor from
2 L to 7000 L



Centrifuges,
filters and dryers



Chromatography
columns: 2 L-500 L



Fermenters from
5 L to 15,000 L



50+ experts



Best-practice
quality metrics

