



CG CUSTOMISED CLEANROOM MANUFACTURING PORTFOLIO

**Production from small to large scale for
Pharma and Biotech**

- ✓ **Production according to
GMP/AMG § 13**
- ✓ **Blending, processing and repacking
of liquid and solid products**
- ✓ **Various packaging types and
volumes**



PRODUCTION

- Production according to GMP/AMG §13
- Cleanroom environment C/D (ISO 7/8)
- In-house Purified Water (AP) and Water for Injection (Wfi) production
- Hazardous materials handling in cleanroom environment
- Blending, processing and repacking of liquid and solid products
- Vessel capacity of 5,000 L per batch (stainless steel/PVDF)
- Production of standard and customised buffers for upstream and downstream applications



PRODUCT EXAMPLES

- 2-Propanol 0,1% - 99 %
- Acetic Acid Solution 1% - 99 %
- Ammonium Sulphate Buffer various concentrations
- Citric Acid Solution 0,1 M - 50 %
- Ethyl alcohol 1% - 99 %
- HEPES Buffer with Ethyl alcohol, NaCl, EDTA, various concentrations
- Hydrochloric Acid Solution 0,01 M - 50 %
- Phosphate Buffer with NaCl, ranges pH-values, various concentrations
- Sodium Hydroxide Solution 0,01 M - 50 %
- Sodium Chloride Solution 0,1 M - 6 M
- TRIS Buffer with HCl, Ethyl alcohol, NaCl, various pH-ranges, various concentrations
- Urea Buffer various concentrations
- Purified Water (AP) EP/USP/JP
- Water for Injection (Wfi) EP/USP/JP



Buffers and salt solutions (strong acids, bases, alcohols, detergents) suitable for use in upstream and downstream processes or as cleaning and rinsing agents.



In-house Wfi production, cleanroom environment and validated GMP processes ensure high quality pharmaceutical products.



PACKAGING OPTIONS

- Single Use Bags 1 L - 1.000 L - Returnable containers for Single Use Bags
- Cans and drums 5 L - 200 L
- IBC (Intermediate Bulk Container) 500 L - 1.000 L
- Isotainer < 20.000 L



PROFESSIONAL SERVICE

Quality control tests for liquid media – for example:

- Appearance
- pH
- Conductivity
- Osmolarity
- Bioburden
- Endotoxin
- Assay
- Density
- RNAse

ANY OTHER OR DIFFERENT DEMANDS - PLEASE CONTACT US!

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