

Bioselect[®]

ULTRAPURE GUANIDINE SALTS

 QUALITY
MADE IN
GERMANY



alzchem
group

Bioselect® – High-Quality Guanidine Salts



Alzchem develops and manufactures **ultrapure guanidine salts** for biotechnological, diagnostic and pharmaceutical applications – sold under the brand name Bioselect®. Alzchem is **completely backward-integrated** in the production of guanidine hydrochloride. From the raw material to the end product, everything is manufactured in our

plants in Germany, which results in a **high level of quality assurance** for the end product without unwanted quality fluctuations.

All of our production sites are ISO-certified and provide back-up capacities to further **assure continuity of supply**.



Product overview

Product	Purity	Other specs	Packaging
GUANIDINE HYDROCHLORIDE FOR BIOTECHNOLOGICAL APPLICATIONS:			
MBG (molecular biology grade)	> 99.7%	UV-Abs. (6 M) < 0.03 at 260 nm	10 kg PE drum with special liner and drying agent
BPG (biopharmaceutical grade)	> 99.5%	UV-Abs. (6 M) < 0.05 at 260 nm	10 kg/20 kg PE drum with special liner and drying agent
LC6-Grade, 50% solution	> 99.0%	UV-Abs. (6 M) < 0.1 at 260 nm	200 L PE drum, 1000 L IBC container, 200 L sterile, manifold packaging
LC-Grade, 55% solution	> 99.0%	UV-Abs. (6.7 M) < 0.30 at 260 nm	30 L PE canister, 200 L PE drum, 1000 L IBC container
LC7-Grade, 60% solution	> 99.0%	UV-Abs. (7.4 M) < 0.35 at 260 nm	30 L PE canister, 200 L PE drum, 1000 L IBC container
LC8-Grade, 64% solution	> 99.0%	UV-Abs. (8.0 M) < 0.05 at 260 nm	30 L PE canister 1000 L IBC container
GUANIDINE HYDROCHLORIDE FOR TECHNICAL APPLICATIONS:			
Technical, w/AB	> 98.0%	Contains 0.2 – 0.4 % anticaking agent	25 kg PP bag with PE liner
Technical, w/o AB	> 98.0%		25 kg PP bag with PE liner
GUANIDINE THIOCYANATE FOR BIOTECHNOLOGICAL APPLICATIONS:			
ultrapure	> 99.0%	UV-Abs. (3 M) < 0.4 at 280 nm	20 kg PE drum with PE liner

Our service – Your advantage

- 100% Made in Germany
- Assured and sustainable high quality
- Custom-made buffer solutions and lysis buffers
- Backwards integration to key raw materials
- Only Western producer
- Wide selection of different grades and packaging sizes

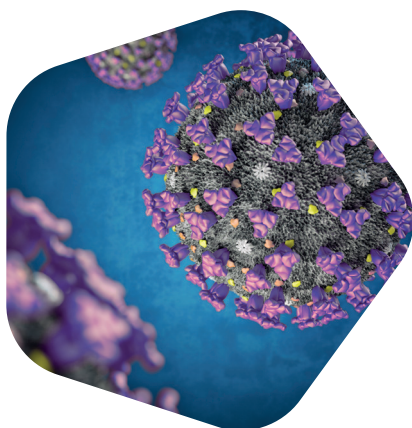
Applications for high purity biotechnological grades



Downstream processing in biopharmaceutical/biosimilar manufacturing

Bioselect® Guanidine hydrochloride

- Purification of biologics i.e. monoclonal antibodies or recombinant proteins
- Cleaning of industrial separation columns



Molecular diagnostics

Bioselect® Guanidine hydrochloride/Guanidine thiocyanate


- Virus and bacteria diagnostics test kits/sample preparation for PCR-based diagnostics
- E.g. extraction of RNA for Covid-19 PCR test kits
- Auxiliary reagent for the isolation of nucleic acids
- Forensic testing of DNA



Technical grades

Technical Guanidine hydrochloride

- As intermediate for agrochemicals and pharmaceuticals
- Production of biocides
- Wood and textile treatment
- Electroplating



**With our products
we bring your proteins
into the right shape.**

YOUR ULTRAPURE GUANIDINE SALTS

**Alzchem – your strong,
reliable and innovative partner**

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