

CERTIFICATE OF ANALYSIS

Product name	Creapure® (Creatine Monohydrate)
Batch / Lot number	500452
Customer Order No.	ORDER
Production date	04.01.2025
Retest date	04.01.2028
Manufacturer	Alzchem Trostberg GmbH, Trostberg, Germany
Country of Origin	Germany
Date of issue	30.01.2025

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Assay (HPLC)	>99.9 %	100.6 %
Creatinine (HPLC)	<100 mg/kg	30 mg/kg
Dicyandiamide (HPLC)	<50 mg/kg	26 mg/kg
Dihydrotriazine (HPLC)	<3 mg/kg	<3 mg/kg (=LOD)

Microbiological Tests

Analysis Item	Specification	Result
Moulds and yeasts (Ph. Eur. 2.6.12)	<50 CFU/g	<10 CFU/g
Total aerobic plate counts (Ph. Eur. 2.6.12)	<1000 CFU/g	<10 CFU/g
Coliform bacteria (Ph. Eur. 2.6.13)	neg/g	neg/g
E. coli (Ph. Eur. 2.6.13)	neg/g	neg/g
Salmonella sp. (Ph. Eur. 2.6.13)	neg/25 g	neg/25 g
Staphylococcus aureus (Ph. Eur. 2.6.13)	neg/g	neg/g

Heavy Metals

Analysis Item	Specification	Result
Mercury	<0.10 mg/kg	<0.011 mg/kg
Cadmium	<0.1 mg/kg	<0.003 mg/kg

Lead	<0.1 mg/kg	<0.03 mg/kg
Arsenic	<0.1 mg/kg	<0.005 mg/kg

Base Bulk