

## Certificate of Analysis

Product Name	Activated charcoal, powder, EP grade
Glentham Code	GX1921
CAS Number	7440-44-0
EINECS	231-153-3
MDL Number	MFCD00133992
Batch Number	047NKZ
Molecular Weight	12.01
Molecular Formula	C
Storage Temp.	+20°C



Property	Specification	Batch 047NKZ
Physical Description	Black powder	Black powder
Identification	A, B: According to EP	Conforms
Acidity or Alkalinity	According to EP	Conforms
Acid-Soluble Substances	≤ 3%	Conforms
Alkali-Soluble Coloured Substances	According to EP	Conforms
Fluorescent Substances	According to EP	Conforms
Sulphides	According to EP	Conforms
Copper (Cu)	≤ 25ppm	≤ 0.1ppm
Lead (Pb)	≤ 10ppm	≤ 1ppm
Zinc (Zn)	≤ 25ppm	≤ 0.1ppm
Loss on Drying	≤ 15.0% (120°C, 4h)	1.1%
Sulphated Ash	≤ 5.0%	0.1%
Adsorption Power (Phenazone)	≥ 40g/100g (dried basis)	50.1g/100g
Total Viable Aerobic Count	≤ 1000CFU/g	Conforms
Total Yeast and Mould Count	≤ 100CFU/g	≤ 20CFU/g
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version	v1.0
Manufacture Date	2021-05-30
Re-Test Date	2031-08-12

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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