

Certificate of Analysis

Product Name	Activated charcoal, powder, EP grade
Glenthams 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

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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