

CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
ACTIVATED CHARCOAL BPC 1934	10004	12/2025	

PARAMETERS	SPECIFICATION	RESULTS
Colour and Appearance:	Black coloured fine loose powder	Comparable to standard
Odour:	No odour	Comparable to standard
Identification A	When heated to redness it burns slowly without a flame	Complies
Identification B Adsorption Power	In house specification - >10g of phenazone	17.7g
Moisture Content % :	15.0 max	4.2
Sulphated Ash %:	5.0% max	1.0
Total ash % on dry material:	10.0 max	1.4
Particle size 325 ASTM mesh	1.0 max	Complies
> 325 mesh (0.045 mm) (% by wt)	10 max	Conforms
< 325 mesh (0.045 mm) (% by wt)	90 min	Conforms
pH (at 25°C):	6.0 - 9.0@40g/l	7.6
Acidity / Alkalinity	NMT 0.75mL of 0.02M hydrochloric acid is required to change the colour of the indicator yellow	Complies
Acid soluble substances	Maximum 3%	0.8%
Alkali soluble coloured substances	The solution is not more intensely coloured than reference solution GY ₄	Complies
Ethanol soluble substances	Maximum 0.5%	0.2%
Fluorescent substances	The florescence is not more intensely coloured than reference solution Y ₆ or BY ₆ .	Complies
Sulphides	The fumes released do not turn lead acetate paper R brown.	Complies
Cu (Copper):	< 25ppm	9.0 ppm
Fe (Iron):	< 300 ppm	Conforms
Pb (Lead):	< 10 ppm	< 1.5 ppm
Zn (Zinc):	< 25 ppm	2.7 ppm
TAMC	10 ³ cfu/g (2.6.12)	< 10 cfu/g
TYMC	10 ² cfu/g (2.6.12)	< 20 cfu/g

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