

## CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
ACTIVATED CHARCOAL BPC 1934	10572	03/2027	

PARAMETERS	SPECIFICATION	RESULTS
<b>Colour and Appearance:</b>	Black coloured fine loose powder	Comparable to standard
<b>Odour:</b>	No odour	Comparable to standard
<b>Identification A</b>	When heated to redness it burns slowly without a flame	Complies
<b>Identification B Adsorption Power</b>	In house specification - >10g of phenazone	17.1g
<b>Moisture Content % :</b>	15.0 max	3.0
<b>Sulphated Ash %:</b>	5.0% max	1.0
<b>Total ash % on dry material:</b>	10.0 max	1.6
<b>Particle size 325 ASTM mesh</b>	1.0 max	Complies
<b>&gt; 325 mesh (0.045 mm) (% by wt)</b>	10 max	Conforms
<b>&lt; 325 mesh (0.045 mm) (% by wt)</b>	90 min	Conforms
<b>pH ( at 25°C):</b>	6.0 - 9.0@40g/l	7.8
<b>Acidity / Alkalinity</b>	NMT 0.75mL of 0.02M hydrochloric acid is required to change the colour of the indicator yellow	Complies
<b>Acid soluble substances</b>	Maximum 3%	0.6%
<b>Alkali soluble coloured substances</b>	The solution is not more intensely coloured than reference solution GY <sub>4</sub>	Complies
<b>Ethanol soluble substances</b>	Maximum 0.5%	0.16%
<b>Fluorescent substances</b>	The florescence is not more intensely coloured than reference solution Y <sub>6</sub> or BY <sub>6</sub> .	Complies
<b>Sulphides</b>	The fumes released do not turn lead acetate paper R brown.	Complies
<b>Cu (Copper):</b>	< 25ppm	8.0 ppm
<b>Fe (Iron):</b>	< 300 ppm	Conforms
<b>Pb (Lead):</b>	< 10 ppm	< 1.5 ppm
<b>Zn (Zinc):</b>	< 25 ppm	2.7 ppm
<b>TAMC</b>	10 <sup>3</sup> cfu/g (2.6.12)	< 10 cfu/g
<b>TYMC</b>	10 <sup>2</sup> cfu/g (2.6.12)	< 20 cfu/g

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