



PRICE LIST: October 2018

Activated Carbon Analysis

Sample Description	Method Ref	AUD/sample
Iodine Number	ASTM D4607	190
Butane Activity	ASTM D5742	195
Butane Working Capacity	ASTM D5228	250
Tannin Value	AWWA B604	375
Methylene Blue	CEFIC	210
Apparent Density (GAC)	ASTM D2854	20
Moisture Content	ASTM D2867	30
Particle Size GAC	ASTM D2862	60
Particle Size PAC – laser defractometer	AS 4863.1	170
Ash Content	ASTM D2866	40
Acid (or Water) Soluble Ash (Metals)	ASTM D6385	265
pH change of solution due to carbon	ASTM D6851	40
pH of carbon	ASTM D3838	75
Water solubles	ASTM D5029	75
Water-extractable metals (GAC)	DIN EN 12902	1200
NSF 61 compliance for GAC	NSF/ANSI 61	1600
Water-extractable metals (PAC)	DIN EN 12902	560
Wettability	DIN EN 12915	75
Non-wettable materials	AWWA B604	40
Acid soluble material	DIN EN 12902	75
Water soluble material	DIN EN 12902	290
Ball Pan Hardness (Ro-Tap)	ASTM D3802	115
Ro-Tap abrasion test	AWWA B604	135
Volatile Matter Content	ASTM D5832	40
H2S Breakthrough Capacity	ASTM D6646	580
Self Heat Test	UN 33.3.1.6	90
Aqueous Isotherms	ASTM D3860	TBA
MIB and Geosmin Reduction – PAC	AWWA B600	TBA
Gold Adsorption Capacity	In house	450
Gold Adsorption Kinetic	In house	TBA
Biological Evaluation of Media – ATP and Plate Counts	In house	310

Applications Batch and Column Testing: Activated Carbon Analysis

Sample Description	Cost
Batch and column adsorption trials for powder and granular activated carbons are available e.g. MIB and geosmin, toxins, PFAS, TOC reduction	Cost is dependant on the contaminant to be analysed*

*Please contact us for a formal quotation for jar test analysis.

Water Analysis

Sample Description	AUD/Sample
BDOC	450
AOC	850
Low range DOC	40
Low range TOC	35
UV abs at 254 or 272nm	25
Chlorine Demand	325
THMFP	400
Ozone Demand	TBA

Filter Media (sand, anthracite, filter coal, zeolite)

Sample Description	Method Ref	AUD/sample
Acid Solubility	AWWA B100	70
Particle Size Distribution	AWWA B100/ ASTM C136	60
Apparent Specific Gravity	AWWA B100/ ASTM C128	90
Floc Retention Analysis		70
Materials Finer than 75-µm by Washing	ASTM C117	105

ASTM D5217 - Fouling and Degradation of Particulate Ion Exchange Materials

Sample Description	Method Ref	AUD/sample
Water Retention Capacity (as received)	ASTM D2187	50
Water Retention Capacity (after pre-treatment)	ASTM D2187	1500
Particle Size Distribution	ASTM D2187	130
Mixed Bed Resin Separation	ASTM D2187	50
Ash Content and Metals	ASTM E830	265
Organic Fouling of Anion Resins	ASTM D5042	300
Column Performance Testing – Mixed Bed	ASTM D3375	1700
Column Performance Testing – Anion	ASTM D3087	1700
Column Performance Testing – Cation	ASTM D1782	1700

Consulting Services

Specialist consulting services relating to activated carbon use, specification and optimisation are available.

Please contact us for a formal quotation for your project evaluation and costing.

