

X-RAY FLUORESCENCE ANALYTICAL REPORT

CLIENT : **ABSORB**
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ATTENTION : STEVE MCLINTOSH **JOB REFERENCE** : SA25431

CLIENT REFERENCE : PO-0499
SAMPLE TYPE[S] : 1 X SAND
DATE OF SAMPLE RECEIPT : 10/10/2025 **CONDITION** : COARSE POWDER
ANALYSIS CARRIED OUT : XRF MAJOR OXIDES ; LOSS ON IGNITION
REPORTING BASIS : OVEN DRIED [110°C]

The analytical results presented in this report apply to the sample(s) received by SpectraChem Analytical.

Analysis	Method used	LLD	Unit
Major oxide	Borate fusion / X-ray fluorescence spectrometry	0.01	%
Loss on ignition	Furnace / Gravimetric (1 hour at 1000°C)	0.01	%



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 All tests reported herein have been performed in accordance with the laboratory's scope of accreditation.
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Date : 21/10/2025 **Signed** :  Khurram Malik XRF Analyst
 Gareth Salt XRF Analyst

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MAJOR OXIDE ANALYSIS AND LOSS ON IGNITION

SAMPLE NO.	CLIENT REF.	Fe ₂ O ₃ (%)	MnO (%)	TiO ₂ (%)	CaO (%)	K ₂ O (%)	SO ₃ (%)	P ₂ O ₅ (%)	SiO ₂ (%)	Al ₂ O ₃ (%)	MgO (%)	Na ₂ O (%)	LOI (%)	Sum (%)
25431-01	Floccdrop	0.01	<0.01	0.06	0.05	0.02	<0.01	<0.01	99.29	0.23	<0.01	<0.01	0.11	99.77

Values expressed as weight % on an 'oven dried [110°C] ' basis. LOI = Loss on ignition at 1000°C.

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