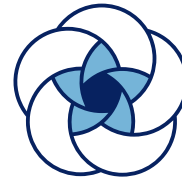


TEST REPORT

Lightwater Quarries Ltd
Potgate Quarry
North Stainley
Ripon
HG4 3JN



White
Rose
Laboratory
Services
Ltd

Lumley St • Castleford • WF10 5LB
01977 520625 • enquiries@whiteroselabs.co.uk

Report WRL/16/3242wss
Issue date 26/01/17

Material	Crushed limestone aggregate 20/10mm		
Site	Potgate Quarry		
Specification	EN12620 10/20 G_C 85/20 f_4	Sample N°	S/16/3242
Source	Potgate Quarry	Sampled by	M O'Hara
Supplier	Lightwater Quarries Ltd	Date sampled	12/12/16
Sample location	Current production stockpile	Date received	12/12/16
Sample type	Bulk	Date tested	25/01/17
Order number	8815LQ	Date reported	26/01/17

Subcontracted Testing

Please find attached results of the following subcontracted testing

Water soluble sulphate

(Celtest)

J Church
Managing Director

White Rose Laboratory Services Ltd
Lumley Street
Castleford
West Yorkshire
WF10 5LB

Date: 25 January 2017
Test Report Ref: STR 503575

Order No: ORD/16/203

Page 1 of 1

LABORATORY TEST REPORT

TEST REQUIREMENTS: To determine the Water Soluble Sulfate of Natural and Manufactured Aggregate in accordance with **BS EN 1744-1 : 2009 + A1 : 2012 : Clause 10.1**

SAMPLE DETAILS:

Certificate of sampling received:	No
Laboratory Ref. No:	S62460
Client Ref. No:	S/16/3242
Date and Time of Sampling:	12/12/2016
Date of Receipt at Lab:	22/12/2016
Date of Start of Test:	19/01/2017
Sampling Location:	Stockpile
Name of Source:	Lightwater Quarries - Potgate Quarry
Method of Sampling:	Unknown
Sampled By:	Client
Material Description:	20/10mm Crushed Limestone
Target Specification:	N/A

RESULTS:

	Result	<i>95% Confidence limit*</i>
Water Soluble Sulfate Content (SO₃) (%) =	<0.01	<0.007% - <0.013%
Water Soluble Sulfate Content (SO₄) (%) =	<0.01	<0.007% - <0.013%

Comments / Departure from specified Procedure

*95% Confidence limit is the expanded uncertainty which is the combined uncertainty standard multiplied by a factor (k) of 2

Report checked and approved by:



Euros Jones
Soils Team Manager