



PRODUCT SPECIFICATION

MICROCARB®95

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PRODUCT: ULTRAMICRONIZED CALCIUM CARBONATE- CALCITE

GRANULOMETRY	VALUE	ANALYTIC METHOD
D(50)	0.65 ± 0.1 µm	MASTERSIZER S
% < 2µm	94.0 ± 2.0%	MASTERSIZER S
D100	3.60 µm	MASTERSIZER S
SIEVE RETENTION 45µm	< 0.001 %	ISO 787R/7 (81)

WHITENESS	DRY	DOP	ANALYTIC METHOD
L	98.1 ± 0.4	79.5 ± 1.5	SPECTRAFLASH SF450
a	-0.05 ± 0.2	-0.5 ± 0.75	SPECTRAFLASH SF450
b	2.0 ± 0.5	9.2 ± 0.9	SPECTRAFLASH SF450

TECHNICAL INFORMATION ⁽¹⁾

TEST	VALUE	ANALYTIC METHOD
HUMIDITY	<0.1%	ISO 787R/2(81)
OIL ABSORPTION	24g/100g CaCO ₃	ISO 787R/5 (81)
DOP ABSORPTION	42g/100g CaCO ₃	ISO 787R/5 (81)
PH (SOL. H ₂ O 10%)	9	ISO 787R/9 (81)
BULK DENSITY	0.40 Kg/l	ISO 787R/11 (81)
INSOLUBLE RESIDUE (HCL)	< 0.2%	INS.LAB10.13
SPECIFIC AREA BET	13 m ² /g	GEMINI (B.E.T)

CHEMICAL COMPOSITION ⁽¹⁾

COMPONENT	VALUE	ANALYTIC METHOD
CaCO ₃	98.96%	I.C.P.
MgCO ₃	0.59%	I.C.P.
Fe ₂ O ₃	0.044%	I.C.P.

⁽¹⁾ Average data, for technical information only.