



KALA GRADE 40 FILTER PAPERS

can be used for the Blaine Test in the
Cement Industry

Grade 40 high-purity filters paper from Kala Scientific Inc. Are general-purpose papers for quantitative analysis. These filters are suitable for a variety of analytical filtration applications.

High-purity filters contain 0.007% maximum ash content

Medium nominal particle retention rating of 8 μm

Medium filtration speed (Herzberg 340 s)

Particularly useful for gravimetric analysis.

SPECIFICATION:

Parameter	Grade 40 Ashless Filter Paper for Blaines Analysis, 12.7 mm circle (1000 pcs)
Grade	Grade 40 Equivalent
Format	Circles
Type	Ashless
Typical Particle Retention in Liquid ¹	8 μm
Nominal thickness	210 μm
Typical water flow rate ²	25 ml/min
Nominal basis weight	95 g/m ²
Nominal air flow rate	21 s/100 mL/in ²
Nominal Ash Content ³	0.007%
Material	High-quality cotton linters
Alpha Cellulose Content Min.	$\geq 98\%$

Typical Trace Element Levels :

Aluminium 2.5 $\mu\text{g/g}$ Antimony <0.5 $\mu\text{g/g}$ Arsenic <0.5 $\mu\text{g/g}$ Barium <0.5 $\mu\text{g/g}$ Boron <1 $\mu\text{g/g}$
Calcium 8.3 $\mu\text{g/g}$ Chromium 1.5 $\mu\text{g/g}$ Copper 2 $\mu\text{g/g}$ Iron 12 $\mu\text{g/g}$ Lead <0.5 $\mu\text{g/g}$ Magnesium
4 $\mu\text{g/g}$ Manganese <0.5 $\mu\text{g/g}$ Mercury <0.5 $\mu\text{g/g}$ Potassium 2.3 $\mu\text{g/g}$ Silicon 6.2 $\mu\text{g/g}$
Sodium 16.8 $\mu\text{g/g}$ Zinc 64.5 $\mu\text{g/g}$

Applications :

The product is used in cement, ceramic and refractory industries for testing particle size of materials by measuring surface area using Blaine's apparatus. e.g., determination of the Blaine test in the cement industry. Blaine test and ash content test compatible.

Description:

Blaines filter Circles, 12.7 mm, 1000/PK,

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