



HA International Chemicals Trading LLC – O.P.C

CERTIFICATE OF ANALYSIS (COA)

1: PRODUCT IDENTIFICATION AND COMPANY DETAILS

Product Name	:	Fly Ash (Class F)
Product Identifier	:	Coal Fly Ash, Pulverised Fuel Ash
Product colour	:	Light Brown
Product Supplier	:	H A International Chemicals Trading LLC O.P.C
Product Use	:	Cement Replacement, Industrial Use, Concrete Products.
Standard	:	AS TM C 618 / BS EN 450 -1
Batch No.	:	AD / UA / 04
Mfg Date	:	Nov / 2024

2: PHYSICAL PROPERTIES AND CHEMICAL COMPOSITION

Sr. No	Characteristics	Results
1	Silicon Dioxide (SiO ₂) + Aluminium Oxide (Al ₂ O ₃) + Iron (Fe ₂ O ₃) Min %	81.59
2	Silicon Dioxide (SiO ₂) by % Mass Min	48.19
3	Aluminium as Al ₂ O ₃	20.86
4	Iron as Fe ₂ O ₃	12.54
5	Sulphur Trioxide (SO ₃) Max%	0.95
6	Loss On Ignition Max %	0.45
7	Available Alkalis as Sodium Oxide (Na ₂ O) Max %	1.85
8	Moisture Content Max %	0.09
9	Fineness % retained on 45 Micron in wet-sieving Max %	11.16
10	Magnesium Oxide (MgO) Max %	3.78
11	Chloride as Cl	0.011
12	Calcium as CAO	9.78

Packaging: Jumbo Bag

DISCLAIMER

The data provided in this Certificate Of Analysis pertains exclusively to the specified material and does not apply to its use in combination with any other materials or processes. H A International believes the information presented here is accurate; however, H A International does not guarantee its accuracy and assumes no liability for its use. This information is not intended to serve as legal advice or to ensure compliance with any federal, state, or local laws or regulations. Users of this product should review all relevant laws, rules, and regulations before use, including but not limited to federal, provincial, state, and local requirements.

NO WARRANTY IS MADE, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE.

M02, United Arab Bank Building Khalifa Bin Zayed the First Street, Al Danah, Abu Dhabi – UAE

TEL: +971 2 6437469 | MOB: +971 506269288 | EMAIL – sales@hachemicals.com | WEBSITE: www.hachemicals.com