

# CERTIFICATE OF ANALYSIS

## ACTIVATED CARBON — GRANULAR ACTIVATED CARBON (GAC)

SAMPLE / TEMPLATE — NOT A LOT-SPECIFIC MANUFACTURER COA

|                   |                                 |                  |                  |
|-------------------|---------------------------------|------------------|------------------|
| Product Name      | Activated Carbon                | Grade            | Industrial Grade |
| CAS Number        | 7440-44-0                       | Formula          | C                |
| Form              | Granular / Butiran              | Packing          | 25 kg / sak      |
| Brand / Principal | Soematra Kimia / Various Origin | Origin           | To be confirmed  |
| Batch / Lot No.   | To be confirmed                 | Date of Analysis | To be confirmed  |

### ANALYSIS RESULTS

| Test Parameter | Specification / Typical Value | Result                        | Status |
|----------------|-------------------------------|-------------------------------|--------|
| Appearance     | Black granular material       | Conforms*                     | Pass*  |
| Particle Size  | 8–30 mesh (adjustable)        | Conforms*                     | Pass*  |
| Iodine Number  | ≥ 900 mg/g                    | ≥ 900 mg/g*                   | Pass*  |
| Moisture       | ≤ 5%                          | ≤ 5%*                         | Pass*  |
| Ash Content    | ≤ 10%                         | ≤ 10%*                        | Pass*  |
| Bulk Density   | 0.45–0.55 g/cm <sup>3</sup>   | 0.45–0.55 g/cm <sup>3</sup> * | Pass*  |
| pH             | 6–9                           | 6–9*                          | Pass*  |

\* Values marked with an asterisk are illustrative/typical values copied from the current product specification and are not laboratory results for a specific lot.

### CONCLUSION

This document is provided as a sample COA layout for the Activated Carbon product page. A valid Certificate of Analysis for supply, quality release, export, audit, or regulatory purposes must contain actual batch/lot identification and verified test results issued or approved for the supplied lot.

Prepared / Document Control

Quality / Authorized Approval

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Name / Date

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Name / Date

**NOTICE:** SAMPLE / TEMPLATE ONLY. Replace all “To be confirmed” and asterisked values with verified lot-specific data before issuing this document as an actual COA.