# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

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|---|---|---|---|---|---|
| **Name of Product** | : | Activated charcoal granular | **CAS No.** | : | 7440-44-0 |
| **Molecular Formula** | : | -- | **Molecular Weight** | : | -- |
| **Batch No.** | : | QF2610203 | **Grade** | : | LR |
| **Mfg. Date** | : | October-2026 | **Retest. Date** | : | September-2031 |

| Sr. No. | Tests | Specification | Observation |
|---|---|---|---|
| 1 | Appearance | Black color granular | Complies |
| 2 | Substances soluble in water | Max 2.0 % | 1.16 % |
| 3 | Cyano compounds(CN) | To Passes Test | Passes Test |
| 4 | Heavy metals(as Pb) | Max 0.01% | 0.006 % |
| 5 | Arsenic(As) | Max 0.0005% | 0.0002 % |
| 6 | Lead(Pb) | Max 0.005% | 0.003 % |
| 7 | Iron(Fe) | Max 0.05% | 0.04 % |
| 8 | Zinc(Zn) | Max 0.15% | 0.11 % |
| 9 | Polycyclic aromatics | To Passes Test | Passes Test |
| 10 | Tar products | To Passes Test | Passes Test |
| 11 | n-Hexane absorption | Min 20% | 21.16 % |
| 12 | Residue on ignition(1000°C) | Max 10 % | 4.31 % |
| 13 | Loss on drying(120oC) | Max 10% | 7.02 % |
| 14 | Iodine absorption | Min 800 mg/gm | 831 mg/gm |

**Conclusion:** Product complies as per above specification.
**Note:** This document has been produced electronically and it is valid without signature.
Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.