



# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

|                          |                     |                         |                  |
|--------------------------|---------------------|-------------------------|------------------|
| <b>Name of Product</b>   | : Barium Sulphate   | <b>CAS No.</b>          | : 7727-43-7      |
| <b>Molecular Formula</b> | : BaSO <sub>4</sub> | <b>Molecular Weight</b> | : 233.39 g/mole  |
| <b>Batch No.</b>         | : QF2610051         | <b>Grade</b>            | : LR             |
| <b>Mfg. Date</b>         | : October-2026      | <b>Retest. Date</b>     | : September-2031 |

| Sr. No. | Tests                                  | Specification                                                        | Observation |
|---------|----------------------------------------|----------------------------------------------------------------------|-------------|
| 1       | Appearance                             | Fine, White, Odorless, tasteless, bulky powder, free from grittiness | Complies    |
| 2       | Assay                                  | Min. 97 %                                                            | 97.54 %     |
|         | <b>Maximum limits of impurities: #</b> |                                                                      |             |
| 3       | Soluble barium compounds               | 0.005%                                                               | < 0.005 %   |
| 4       | Chloride (Cl)                          | 0.05%                                                                | < 0.05 %    |
| 5       | Sulphide (S)                           | To Passes Test                                                       | Passes      |
| 6       | Arsenic (As)                           | 0.0005 %                                                             | 0.0002 %    |
| 7       | Heavy metals(as Pb)                    | 0.001 %                                                              | 0.0004 %    |
| 8       | Loss on Ignition                       | 2 %                                                                  | 1.02 %      |

**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

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