

CERTIFICATE OF ANALYSIS

| | | | |
|---------------------------|---|-------------------------|-----------|
| Product Name | Mercuric iodide red, 99 % AR grade | | |
| Synonyms | Mercury (II) iodide | | |
| CAS No | 7774-29-0 | | |
| Product code | SY00226 | Batch No | LMEBF0210 |
| Molecular Formula | HgI ₂ | Molecular Weight | 454.40 |
| Mfg. Date | Feb-26 | Expiry Date | Jan-29 |
| Storage Conditions | Store at room temperature, tightly closed container | | |

| Test | Specification | Results |
|---|-----------------------|-----------------------|
| Appearance | Reddish orange powder | Reddish orange powder |
| Assay | NLT 99% | 99.20% |
| Melting point | 259°C | 259°C |
| Substance insoluble in KI solution | <0.2% | 0.2% |
| Chloride (Cl) | <0.015% | 0.011% |
| Heavy metals, soluble mercury salts (as Hg) | <0.05% | 0.04% |
| Substance not reducible with formic acid (residue on ignition) | <0.1% | 0.1% |
| Loss on drying (on P205) | <0.5% | 0.36% |

Approved by
Dr. Gopinath PH. D

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