

## Certificate of Analysis

Date of Testing: 2024-10-18 10:50:03

Date of Next Testing: 2028-10-17 10:50:03

Product Name: **o-Phthalic anhydride**

CAS Number: 85-44-9

Specifications & Purity: AR, ≥99%

Lot #: J2415596

SKU #: **P116466**

Version: **2**

Analysis #: **413376**

Storage Temperature: Argon charged

| Parameter            | Limit Values                   | Result                         |
|----------------------|--------------------------------|--------------------------------|
| Heavy metal (as Pb)  | 0-10 (ppm)                     | 0.00 ppm                       |
| Chloride (Cl-)       | 0-0.005 (%)                    | 0.00 %                         |
| Sulfate(SO42-)       | 0-0.001 (%)                    | 0.00 %                         |
| Ignition Residue     | 0-0.025 (%)                    | 0.00 %                         |
| Melting point        | 129-133 (°C)                   | 132.79000 °C                   |
| Purity(GC)           | 99-100 (%)                     | 99.31 %                        |
| Appearance (P116466) | White Powder ,Flakes, or Chips | White Powder ,Flakes, or Chips |
| Proton NMR spectrum  | Conforms to structure          | Conforms to Structure          |



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