

CERTIFICATE OF ANALYSIS (SPECIMEN)

Hydroxypropyl-Beta-Cyclodextrin (HP-β-CD) | CAS 128446-35-5

|                |                                           |
|----------------|-------------------------------------------|
| Product        | Hydroxypropyl-Beta-Cyclodextrin (HP-β-CD) |
| CAS Number     | 128446-35-5                               |
| Grade(s)       | Pharmaceutical Grade/Cosmetic Grade       |
| Batch No.      | As per despatch                           |
| Mfg / Exp Date | As per despatch                           |

Analysis — Declared Specification vs Typical Result

| <b>Parameter</b>               | <b>Specification</b>                | <b>Typical Result</b> |
|--------------------------------|-------------------------------------|-----------------------|
| Appearance                     | Refer to TDS                        | Conforms              |
| Identification (CAS / Formula) | 128446-35-5 / —                     | Conforms              |
| Assay (as per grade)           | Pharmaceutical Grade/Cosmetic Grade | Within specification  |
| Density                        | N/A                                 | Conforms              |
| Solubility                     | N/A                                 | Conforms              |

SPECIMEN document showing typical values against declared specification. A batch-specific, signed Certificate of Analysis accompanies every despatch. This specimen is not valid for regulatory submission or customs clearance.