



上海源叶生物科技有限公司
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Reference Material

This certificate is designed in accordance with *ISO 17034* and *ISO Guide 31*. This reference material (RM) was designed, produced and verified in accordance with *ISO/IEC 17025*, *ISO 17034* and a registered quality management system *ISO 9001*.

Product Name e 6 Phthalate Mix in n-Hexane, 1000µg/mL

Part Number B64332

Lot Number J20HB189053

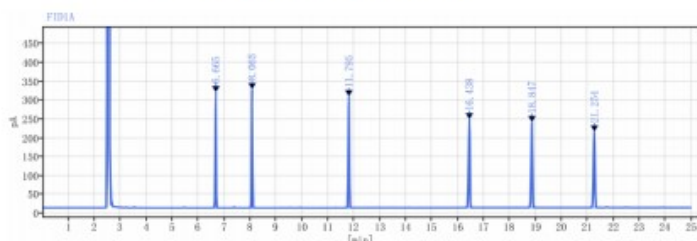
Expiry Date 2024-Apr-06

Storage (20±5)°C, Keep in the shade

CERTIFIED

Component No.	Peak Sequence	Component	CAS No.	Concentration (µg/mL)	Uncertainty (%)
1	1	Dimethyl Phthalate	131-11-3	1000	2
2	2	Diethyl Phthalate	84-66-2	1000	2
3	3	Dibutyl Phthalate	84-74-2	1000	2
4	4	Benzyl Butyl Phthalate	85-68-7	1000	2
5	5	Bis(2-ethylhexyl) Phthalate	117-81-7	1000	2
6	6	Di-n-octyl Phthalate	117-84-0	1000	2

CHROMATOGRAM



- **Instrument**
GC/FID
- **Column**
HP-5(30m×0.32mm×0.25µm)
- **Injection Temp**
250°C
- **Detector Temp**
300°C
- **Method Details**
120°C, 10°C/min → 220°C, 5°C/min
→ 280°C(3min)

Intended Use

This RM is intended for use in a laboratory as a calibration and quality control standard or in method development for analytical techniques.

Uncertainty

The certified value(s) and uncertainty(ies) are determined in accordance with *ISO 17034* with an 95% confidence level ($k=2$). Uncertainty is based on the Total Combined Uncertainty, including uncertainties of preparation, purity of neat materials, homogeneity, stability testing.

Traceability

The balances used for gravimetric measurements are calibrated with weights traceable to the national standards. The calibration of the balances is verified annually by an external accredited calibration service. This analysis method has been verified using an approach consistent with *ISO 17034:2016* & *ISO 17025:2017*.

Homogeneity

Random replicate samples of the final packaged RM have been analysed to prove homogeneity consistent with *ISO 17034*.

Storage

The RM should be stored in the original sealed bottle at the indicated temperature.



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CERTIFICATE ON		QC SIGNATURE
2022-Apr-07		RM Release

