

NEW


Phenol Standards

Manufactured by Reagecon

Reagecon
Delivering the Correct Result

Why use Reagecon's Phenol Standards?

Commercial Benefits	Technical Benefits
<ul style="list-style-type: none">• Ready to use (dilute for use as calibration and/or quality control standards)• Extensive range of organic compound mixes and single compound standards available• Can be used with a variety of instruments including GC, GC-MS HPLC and LC-MS• Designed specifically for use in EPA or EU analytical methods• Presented in high quality amber ampoules• Customised formulations available	<ul style="list-style-type: none">• Uncertainty of measurement (gravimetric) up to $\pm 0.6\%$• Uncertainty of measurement (verification procedure) $\pm 1.8\%$• Produced in accordance with EPA methods• Consistency of product -- Independent, traceable, certified.• Certificates of Analysis and SDS available online• Ideal for use in EPA 500, 600 and 8000 series methods



The products range from:-

2,000 $\mu\text{g/ml}$ (Mixed Standards)

2,000 $\mu\text{g/ml}$ (Single Component Standards)

These products are prepared gravimetrically on a weight/weight basis. Both solute and solvent are weighed on a balance calibrated by Reagecon engineers using OIML traceable weights. Reagecon holds ISO 17025 accreditation for weighing, (ref. 265C) and the resulting certificate is issued in accordance with the requirements of ISO/IEC 17025. The concentration of each standard is verified using a high performance calibrated Gas Chromatography-Mass Spectrometer (GC-MS). The calibration of the GC-MS involves the use of high purity ISO Guide 34 accredited Phenol standards from a secondary source similar in Phenol concentration value to these products. The mass spectrum of each of the analytes is confirmed by comparison with the National Institute of Standards and Technology (NIST) mass spectral library.

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Phenol Mixed Standards

Code	Description	Concentration	Packed in ampoule (ml)	US EPA Methods
REPHE001 (11 Compound Mix)	2-Chlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol 2-Methyl-4,6-dinitrophenol (DNOC) 2-Nitrophenol 4-Nitrophenol Pentachlorophenol Phenol 2,4,6-Trichlorophenol 4-Chloro-3-methylphenol 2,4-Dinitrophenol	Each analyte at 2,000 µg/ml in high- purity Dichloromethane (Methylene Chloride)	1	604
REPHE002 (7 Compound Mix)	2,6-Dichlorophenol 2-Methylphenol 3-Methylphenol 4-Methylphenol 2,4,5-Trichlorophenol 2,3,4,6-Tetrachlorophenol 2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	Each analyte at 2,000 µg/ml in high- purity Dichloromethane (Methylene Chloride)	1	604
REPHE003 (11 Compound Mix)	2-Chlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol 2-Methyl-4,6-dinitrophenol (DNOC) 2-Nitrophenol 4-Nitrophenol Pentachlorophenol Phenol 2,4,6-Trichlorophenol 4-Chloro-3-methylphenol 2,4-Dinitrophenol	Each analyte at 2,000 µg/ml in high- purity Methanol	1	604, 625

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Code	Description	Concentration	Packed in ampoule (ml)	US EPA Methods
REPHE004 (5 Compound Mix)	4-Chloro-3-methylphenol 2-Chlorophenol 4-Nitrophenol Pentachlorophenol Phenol	Each analyte at 2,000 µg/ml in high- purity Methanol	1	604, 625
REPHE005 (18 Compound Mix)	2-Chlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol 2-Methyl-4,6-dinitrophenol (DNOC) 2-Nitrophenol 4-Nitrophenol Pentachlorophenol Phenol 2,4,6-Trichlorophenol 4-Chloro-3-methylphenol 2,4-Dinitrophenol 2,6-Dichlorophenol 2-Methylphenol 3-Methylphenol 4-Methylphenol 2,4,5-Trichlorophenol 2,3,4,6-Tetrachlorophenol 2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	Each analyte at 2,000 µg/ml in high- purity Isopropanol	1	8270

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Code	Description	Concentration	Packed in ampoule (ml)	US EPA Methods
REPHE006 (13 Compound Mix)	4-Chloro-3-methylphenol 2-Chlorophenol 2,4-Dichlorophenol 2,6-Dichlorophenol 2,4-Dimethylphenol 2,4-Dinitrophenol 2-Methyl-4,6-dinitrophenol (DNOC) 2-Nitrophenol 4-Nitrophenol Pentachlorophenol Phenol 2,3,4,6-Tetrachlorophenol 2,4,6-Trichlorophenol	Each analyte at 2,000 µg/ml in high- purity Methanol	1	8270
REPHE007 (11 Compound Mix)	4-Chloro-3-methylphenol 2-Chlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol 2-Methyl-4,6-dinitrophenol (DNOC) 2,4-Dinitrophenol 2-Nitrophenol 4-Nitrophenol Pentachlorophenol Phenol 2,4,6-Trichlorophenol	Each analyte at 2,000 µg/ml in high- purity Methanol	1	8270
REPHE008 (5 Compound Mix)	4-Chloro-3-methylphenol 2-Chlorophenol 4-Nitrophenol Pentachlorophenol Phenol	Each analyte at 2,000 µg/ml in high- purity Dichloromethane(Methylene Chloride)	1	8270

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Code	Description	Concentration	Packed in ampoule (ml)	US EPA Methods
REPHE009 (6 Compound Mix)	4-Chloro-3-methylphenol 2,4-Dinitrophenol 2-Nitrophenol Pentachlorophenol Phenol 2,4,6-Trichlorophenol	Each analyte at 2,000 µg/ml in high-purity Dichloromethane(Methylene Chloride)	1	8270
REPHE010 (6 Compound Mix)	2-Methylphenol 3-Methylphenol 4-Methylphenol Pentachlorophenol 2,4,6-Trichlorophenol 2,4,5-Trichlorophenol	Each analyte at 2,000 µg/ml in high-purity Dichloromethane(Methylene Chloride)	1	1311

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Polynuclear Aromatic Hydrocarbons (PAHs) Single Component Standards

Code	Description	Concentration	Packed in ampoule (ml)	US EPA Methods
REPHE101	2-Chlorophenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE102	2,6-Dichlorophenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE103	2,4-Dimethylphenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE104	4-Chloro-3-methylphenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE105	2-Methyl-4,6-dinitrophenol (DNOC)	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE106	2,4-Dinitrophenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE107	2-Nitrophenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE108	4-Nitrophenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE109	Pentachlorophenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311

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Code	Description	Concentration	Packed in ampoule (ml)	US EPA Methods
REPHE110	Pentachlorophenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE111	2,4,6-Trichlorophenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE112	2,4,5-Trichlorophenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE113	2,3,4,6-Tetrachlorophenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE114	2,6-Dichlorophenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE115	2-Methylphenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE116	3-Methylphenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE117	4-Methylphenol	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311
REPHE118	Dinoseb	2000ug/ml in high-purity Methanol	1	604, 627, 8270, 1311

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