



Hach PermaChem Powder Pillows



Efficiency and Accuracy in Water Testing: Hach PermaChem Solutions

Hach® has been pioneering simple, yet cutting-edge solutions for over 75 years. When Hach PermaChem® powder pillows were launched, they were recognized as a significant innovation in water testing reagents. PermaChem powder pillows remain one of the most important prepared chemistry product types!

Simplicity and Convenience

PermaChem powder pillows are packaged in pre-measured, sealed packets, ensuring ease of use and consistent testing procedures.

Price-Per-Test Value

Offering excellent price-per-test value, PermaChem powder pillows are an ideal choice for achieving accurate results in professional water analysis.

Ease of Use and Practicality

Designed for simplicity and convenience. The pre-measured, sealed packets make them easy to handle and transport and use quickly.

Shelf Life and Stability

PermaChem products have a long shelf life and stable performance, which is highly valued by customers.

Safety

The packaging design minimizes the risk of exposure to hazardous chemicals, enhancing user safety.

Hach's reagents are specifically designed to work with Hach instruments

To maximize the performance of your Hach equipment, always use genuine Hach reagents and chemistries.

Technical Specifications*

Overview PermaChem Powder Pillows*

Prod. No.	Parameter	Range	Method Name	Method Number	Number of tests	DR300	DR900	DR1900	DR3900	DR6000
2242000	Aluminum	0.008 - 0.800 mg/L Al	Aluminon	8012	100	•	•	•	•	•
2603700	Aluminum	0.002 - 0.250 mg/L Al	Eriochrome Cyanine R	8326	100			•	•	•
2668000	Ammonia	0.01 - 0.50 mg/L NH ₃ -N	Salicylate	8155	100	•	•	•	•	•
2459200	Quaternary Ammonium Compounds	0.2 - 5.0 mg/L as CTAB	Direct Binary Complex	8337	100			•	•	•
1206499	Barium	2 - 100 mg/L Ba	Turbidimetric	8014	100			•	•	•
2141299	Benzotriazole, Tolyltriazole	1.0 - 16.0 mg/L Benzotriazole 1.0 - 20.0 mg/L Tolyltriazole	UV Photolysis	8079	100		•	•	•	•
1417099	Boron	0.2 - 14.0 mg/L B	Carmine	8015	100			•	•	•
2105669	Total Chlorine, Bromine, Iodine	0.02 - 2.00 mg/L Cl ₂	DPD	8167	100	•	•	•	•	•
2802246	Chloramine, Mono	0.04 - 4.50 mg/L Cl ₂	Indophenol	10171	50	•	•	•	•	•
2105569	Free Chlorine, Chlorine Dioxide	0.02 - 2.00 mg/L Cl ₂	DPD	8021	100	•	•	•	•	•
1407099	Chlorine, Free	0.1 - 10.0 mg/L Cl ₂	DPD	8021	100	•	•	•	•	•
2105528	Free Chlorine, Chlorine Dioxide	0.02 - 2.00 mg/L Cl ₂	DPD	8021	1000		•	•		•
2105628	Chlorine, Total	0.02 - 2.00 mg/L Cl ₂	DPD	8167	1000		•	•		•
2770900	Chlorine Dioxide	0.04 - 5.00 mg/L ClO ₂	DPD/Glycine	10126	100	•	•	•	•	•
1271099	Chromium	0.010 - 0.700 mg/L Cr ⁶⁺	1,5-Diphenyl-carbohydrazide	8023	100		•	•	•	•
2242500	Chromium, total	0.01 - 0.70 mg/L Cr	Alkaline Hypobromite Oxidation	8024	100		•	•	•	•
2651600	Cobalt, Nickel	0.01 - 2.00 mg/L Co	PAN	8078	100			•	•	•
2105869	Copper	0.04 - 5.00 mg/L Cu	Bichinchoninate	8506	100		•	•	•	•
2603300	Copper	2 - 210 µg/L Cu	Porphyrim	8143	100		•	•	•	•
2430200	Cyanide	0.002 - 0.240 CN ⁻	Pyridine-Pyrazalone	8027	100		•	•	•	•
246066	Cyanuric Acid	5 - 50 mg/L	Turbidimetric	8139	50		•	•	•	
2544800	Iron	0.01 - 1.80 mg/L Fe	FerroMo	8365	100		•	•	•	•
2105769	Iron	0.02 - 3.00 mg/L Fe	FerroVer	8008	100	•	•	•	•	•
2608799	Iron	0.012 - 1.800 mg/L Fe	TPTZ	8112	100	•	•	•	•	•
230166	Iron	0.009 - 1.400 mg/L Fe	FerroZine	8147	50		•	•	•	•
103769	Iron, Ferrous	0.02 - 3.00 mg/L Fe ²⁺	1, 10 Phenanthroline	8146	100		•	•	•	•
2430000	Manganese	0.1 - 20.0 mg/L Mn	Periodate Oxidation	8034	100	•	•	•	•	•

Technical Specifications*

Prod. No.	Parameter	Range	Method Name	Method Number	Number of tests	DR300	DR900	DR1900	DR3900	DR6000
2604100	Molybdenum	0.3 - 40.0 mg/L Mo	Mercaptoacetic Acid	8036	100		•	•	•	•
2449400	Molybdenum, Molybdate	0.02 - 3.00 mg/L Mo	Ternary Complex	8169	100	•	•	•	•	•
2243500	Nickel	0.02 - 1.80 mg/L Ni	Heptoxime	8037	50			•	•	•
2106169	Nitrate	0.3 - 30.0 mg/L NO ₃ -N	Cadmium Reduction	8039 HR	100		•	•	•	•
2429800	Nitrate, Nitrogen	0.01 - 0.50 mg/L NO ₃ -N	Cadmium Reduction	8192	100		•	•	•	•
2107169	Nitrite	0.002 - 0.300 mg/L NO ₂ ⁻ -N	Diazotization	8507	100		•	•	•	•
2107569	Nitrite	2 - 250 mg/L NO ₂	Ferrous Sulfate	8153	100		•	•	•	•
2446600	Oxygen Scavengers	5 - 600 µg/L Carbohydrazide 3 - 450 µg/L DEHA 9 - 1000 µg/L Hydroquinone 13 - 1500 µg/L Iso-Ascorbic Acid 15 - 1000 µg/L Methyleneketoxime	Iron Reduction	8140	100		•	•	•	•
2243900	Phenols	0.002 - 0.200 mg/L	4-Aminoantipyrine	8047	100			•	•	•
2106028	Phosphate, Reactive	0.02 - 2.50 mg/L PO ₄	Ascorbic Acid	8048	1000		•	•	•	•
2106069	Phosphorus, reactive	0.02 - 2.50 mg/L PO ₄	Ascorbic Acid	8048	100	•	•	•	•	•
2429700	Phosphonates	0.02 - 2.50 mg/L PO ₄	Persulfate UV Oxidation	8007	100		•	•	•	•
2460000	Potassium	0.1 - 7.0 mg/L K	Tetraphenylborate	10321	100		•	•	•	•
2429600	Silica	1 - 100 mg/L SiO ₂	Silicomolybdate	8185	100		•	•	•	•
2459300	Silica	0.010 - 1.600 mg/L SiO ₂	Heteropoly Blue	8186	100		•	•	•	•
2296600	Silver	0.02 - 0.70 mg/L Ag	Colorimetric	8120	50			•	•	•
2106769	Sulfate	2 - 70 mg/L SO ₄ ²⁻	SulfaVer 4	8051	100		•	•	•	•
2429300	Zinc	0.01 - 3.00 mg/L Zn	Zincon	8009	100	•	•	•	•	•

*Subject to change without notice. Part numbers may vary by country. Additional Powder Pillows are available. Visit hach.com to learn more.



World Headquarters: Loveland, Colorado USA | hach.com

United States 800-227-4224 fax: 970-669-2932 email: orders@hach.com
Outside United States 970-669-3050 fax: 970-461-3939 email: int@hach.com

©Hach Company, 2024. All rights reserved.

In the interest of improving and updating its equipment, Hach Company reserves the right to alter specifications to equipment at any time.

DOC052.53.25039.Nov24