

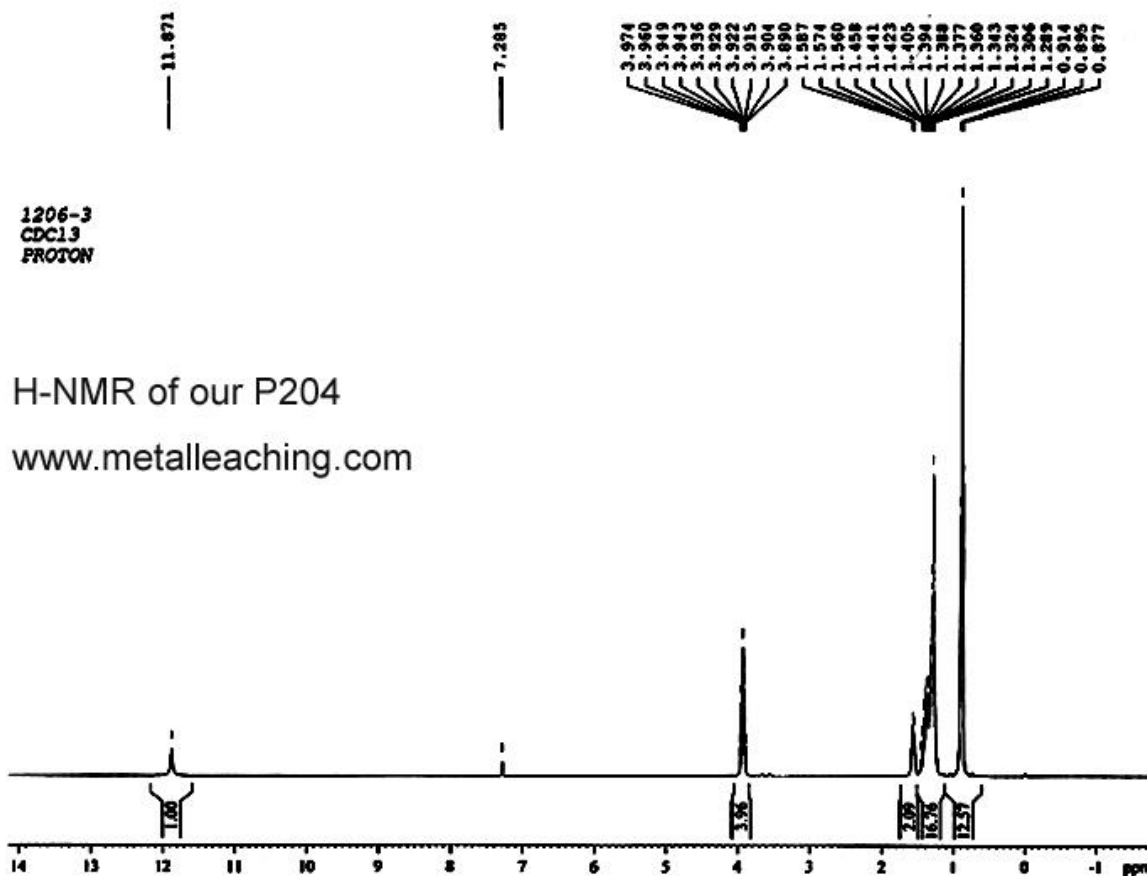


Chemistry Analysis of P204 (DEHPA) extraction reagent

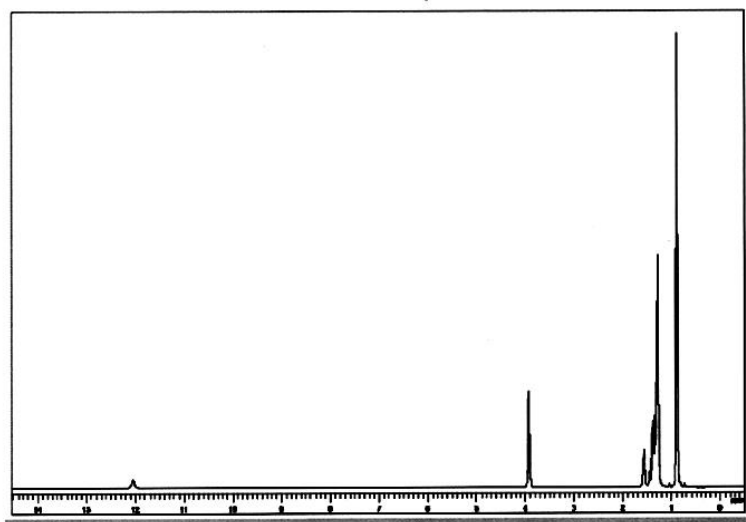
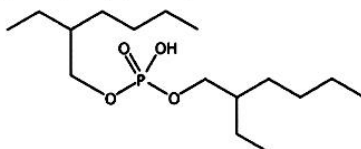
ITEM	STANDARD INDEX	ACTUAL DATA
Chemical formula	D2EHPA	$(C_8H_{17}O)_2PO_2H$
Formula weight (g/mol)	322.48	322.48
Content of P204	$\geq 95\%$	95.64%
Isooctyl phosphonate	$\leq 2.0\%$	1.89%
Color (Pt-Co)	≤ 100	100
Phase separate time (s)	≤ 100	90
Acid value (mgKOH/g)	159-189	168
Density (25°C) g/ml	0.9715-0.9735	0.972
Viscosity (η_{25} cps)	42+-5	42
Flash point (°C)	≥ 160	160
Freezing point (°C)	-60	-60
Boiling point (°C) (1.33kPa)	209	209
Ignition point (°C)	233	233
Refractivity (25°C)	1.4434-1.4444	1.4439

For and on behalf of
Zhengzhou Deyuan Fine Chemicals Co., Ltd
郑州市德源精细化学品有限公司

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Author's Signature(s)
Jeven



bis(2-ethylhexyl) Phosphoric acid ester9 (P204)



SOURCE

Integrated Spectral Database System of Organic Compounds. (Data were obtained from the National Institute of Advanced Industrial Science and Technology (Japan))