Mixtures and Separation - word search

PUZZLE / DEFINITION WORKSHEET / SOLUTION

Find 12 words. Words can run in any of eight directions.

J	S	E	T	T	L	E	E	O	R	G	P	B	O	E	Y	D	A
O	F	Z	K	V	Q	X	F	E	L	P	C	A	V	J	K	I	S
U	U	G	E	Y	O	N	K	J	C	V	E	L	R	L	Q	S	O
V	K	Y	G	D	Z	B	L	Y	S	K	F	R	U	M	O	T	T
C	E	J	H	B	E	V	A	P	O	R	A	T	E	V	T	I	W
Y	K	B	C	Q	M	E	T	X	E	I	E	P	F	E	T	L	T
E	T	D	W	R	M	C	C	Y	R	T	I	J	M	L	N	L	Z
O	G	C	L	O	C	Q	X	J	H	I	L	D	B	M	E	D	B
U	F	I	L	T	E	R	V	H	V	O	Z	L	Q	R	V	F	J
D	U	K	L	O	Q	J	U	X	D	N	Z	Y	B	I	L	Z	Q
F	G	U	C	R	Y	S	T	A	L	L	I	Z	E	B	O	C	L
T	N	A	C	E	D	W	I	O	R	A	B	G	K	W	S	W	N
J	Y	E	V	E	I	S	Z	T	Z	I	T	C	X	W	F	J	K
C	S	E	T	U	L	O	S	B	E	U	A	Q	M	P	F	F	A
E	G	U	F	I	R	T	N	E	C	N	S	J	Z	Y	F	Y	U
N	I	A	R	T	S	E	E	U	U	O	G	B	A	E	H	M	I
W	U	F	Z	Y	A	I	X	Q	N	E	E	A	K	Q	J	Q	R
N	V	F	F	Z	C	N	J	X	R	T	I	N	M	H	X	P	L

FILTER
STRAIN
SIEVE
SETTLE
DECANT
DISTILL
EVAPORATE
CRYSTALLIZE
MAGNET
CENTRIFUGE
SOLUTE
SOLVENT

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VOCABULARY CLUES / Use the word bank on page 1.

1. To separate material using a porous barrier

2. To remove larger particles through a mesh

3. To sort particles through sized openings

4. To sink or collect under gravity

5. To pour liquid away from settled material

6. To separate using vaporization and condensation

7. To remove liquid as vapor

8. To form an ordered solid crystal structure

9. An object used to attract suitable magnetic material

10. A device separating components by rapid rotation

11. A substance dissolved in a solution

12. A substance that dissolves another substance

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SOLUTION / words marked in gray

J	S	E	T	T	L	E	E	O	R	G	P	B	O	E	Y	D	A
O	F	Z	K	V	Q	X	F	E	L	P	C	A	V	J	K	I	S
U	U	G	E	Y	O	N	K	J	C	V	E	L	R	L	Q	S	O
V	K	Y	G	D	Z	B	L	Y	S	K	F	R	U	M	O	T	T
C	E	J	H	B	E	V	A	P	O	R	A	T	E	V	T	I	W
Y	K	B	C	Q	M	E	T	X	E	I	E	P	F	E	T	L	T
E	T	D	W	R	M	C	C	Y	R	T	I	J	M	L	N	L	Z
O	G	C	L	O	C	Q	X	J	H	I	L	D	B	M	E	D	B
U	F	I	L	T	E	R	V	H	V	O	Z	L	Q	R	V	F	J
D	U	K	L	O	Q	J	U	X	D	N	Z	Y	B	I	L	Z	Q
F	G	U	C	R	Y	S	T	A	L	L	I	Z	E	B	O	C	L
T	N	A	C	E	D	W	I	O	R	A	B	G	K	W	S	W	N
J	Y	E	V	E	I	S	Z	T	Z	I	T	C	X	W	F	J	K
C	S	E	T	U	L	O	S	B	E	U	A	Q	M	P	F	F	A
E	G	U	F	I	R	T	N	E	C	N	S	J	Z	Y	F	Y	U
N	I	A	R	T	S	E	E	U	U	O	G	B	A	E	H	M	I
W	U	F	Z	Y	A	I	X	Q	N	E	E	A	K	Q	J	Q	R
N	V	F	F	Z	C	N	J	X	R	T	I	N	M	H	X	P	L

FILTER	STRAIN	SIEVE
SETTLE	DECANT	DISTILL
EVAPORATE	CRYSTALLIZE	MAGNET
CENTRIFUGE	SOLUTE	SOLVENT