

# Under the Japanese regulation, Porous Alpha can be used as a soil for agriculture safely

Result of leaching test based on the “Environmental regulation regarding the soil pollution”, 23 August 1991, Ministry of Environment, analyzed by Tottori Health Service Association

No.	Item	Result	Criteria
1	Alkyl mercury	Not detected	Not detected
2	Total mercury	< 0.0005 mg/l	0.0005mg/l
3	Cadmium	< 0.001 mg/l	0.01mg/g
4	Lead	0.001 mg/l	0.01mg/l
5	Organophosphorus	Not detected	Not detected
6	Hexavalent chromium	0.014mg/l	0.05mg/l
7	Arsenic	< 0.001mg/l	0.01mg/l
8	Total cyanogen	Not detected	Not detected
9	PCB	Not detected	Not detected
10	Trichloroethylene	< 0.03 mg/l	0.03mg/l
11	Tetrachloroethylene	< 0.01 mg/l	0.01mg/l
12	Dichloromethane	< 0.02 mg/l	0.02mg/l
13	Carbon tetrachloride	< 0.002mg/l	0.002mg/l
14	1,2 – Dichloroethane	< 0.004 mg/l	0.004mg/l

No.	Item	Result	Criteria
15	1,1 – Dichloroethane	< 0.02mg/l	0.1mg/l
16	Cis1,2 – Dichloroethylene	< 0.04 mg/l	0.04mg/l
17	1,1,1 – Trichloroethane	< 0.3 mg/l	1mg/l
18	1,1,2 – Trichloroethane	< 0.006 mg/l	0.006mg/l
19	1,3 –Dichloropropene	< 0.002 mg/l	0.002mg/l
20	Thiuram	< 0.006 mg/l	0.006mg/l
21	Simazine	< 0.003 mg/l	0.003mg/l
22	Thiobencarb	< 0.02 mg/l	0.02mg/l
23	Benzene	< 0.01 mg/l	0.01mg/l
24	Selenium	< 0.001 mg/l	0.01mg/l
25	Fluorine	< 0.08 mg/l	0.8mg/l
26	Boron	< 0.1 mg/l	1mg/l
27	Copper	< 0.5 mg/kg	125mg/kg