

Object: **Chemical Analysis according to ESSM 105/1997**

Customer: JSP

Bachema order number: 20076051

Assessment

General remark

The acidified leachate for the determination of the leachability of heavy metals had to be performed with a solid-water-ratio of 1:20 instead of 1:10 in order to guarantee that the whole very voluminous sample amount was wettened (the acidified leachate can not be shaken over head because of the CO₂-supply). The analytical data was corrected by back calculation to a solid-water-ratio of 1:10. Since we do not expect saturation, we assume the procedure to be in accordance with ESSM.

Results

Regarding the total amounts of selected heavy metals and halogenes "Brock F" fulfils the requirements of ESSM 105/1997.

The requirements for the ESSM-leachates are as well fulfilled. The analytical testing for chemical technical organic compounds showed only minor traces of naphthalene. The leachate is not toxic for nitrifying bacteria according to ISO 9509.

Assessment

"Brock F" is ESSM compliant.

Schlieren, 31 December 2007