



Summary

HUMET_g-R was tested for the presence of carcinogenic polyaromatic hydrocarbons. Food toxicological studies found it contain non of these.

The acute oral LD₅₀ of the metal carrier humic acids was above 10 g/kg b.w., the highest dose to be employed in an acute toxicity test of active substances in the rat. The product was ranged accordingly into 'Practically Non-Toxic' category.

When the carrier substance was studied for its cumulative toxicity, no toxic alterations were found in the rat.

In test of mutagenicity these humic acids proved to be non-mutagenic.

HUMET_g-R was studied also for its clastogenic effect: no such effect were seen, moreover, associated test showed a possible anti-clastogenic potential.
