

## **Suggested spectral and analytical methods for identification**

### **1. Potassium sulphate (CAS 7778-80-5) (>80% (w/w)):**

The spectral data to be provided in section 1.4 of each individual dossier are listed in Annex VI of REACH.

Based on their best experience, the FARM Consortium Task Force is suggesting the following analytical methods and justifications.

**The final decision is up to the registrant to follow or not those suggestions.**

Each time a method is not provided, the company must include a justification in the dossier.

Methods considered not applicable

→ provide a justification

– UV-VIS, IR, NMR, MS, GC, HPLC : statement to be included in the individual part of the dossier will be provided to co-registrants after entering Joint Submission.

Methods considered applicable

– XRD : identification of potassium sulfate

– Titration : content of potassium sulfate, potassium hydrogensulfate and potassium chloride

– AAS : content of sodium sulfate.

Please note that results from analysis as ions percentages have to be expressed as substances. Also note that laboratories for these techniques do not require GLP or any other accreditation.

### **2. Substance identification : % $\text{KHSO}_4$ , if applicable**

Mention in the composition section 1.2. the % of  $\text{KHSO}_4$  constituent!

In the C&L section 2.1 of iuclid reference is made to 3 different compositions based on the  $\text{KHSO}_4$  impurity (I) content :  $I < 1\%$ ,  $1\% < I < 3\%$ ,  $I > 3\%$ .

Classified resp. as : non hazardous, eye irritant cat.2, eye damage cat.1