

# Technical Specification

**PRODUCT : Aluminum potassium sulfate dodecahydrate ERBApharm - According to pharmacopoeia : Ph.Eur.-USP-FU-Ph.Franc.-BP**

**CODE : 312400**

**MOLECULAR WEIGHT :474,39**

**CAS N° : 7784-24-9**

**FORMULA :  $AlK(SO_4)_2 \cdot 12H_2O$**

| TEST                   | U.M.    | SPECIFICATION            |
|------------------------|---------|--------------------------|
| Description            | -       | White crystalline powder |
| Identification         | -       | Positive                 |
| Appearance of solution | Ph.Eur. | Conform*                 |
| pH sol. 10% at 25°C    | -       | 3.0 - 3.5*               |
| Loss on drying         | %       | 43.0 - 46.0              |
| Ammonium               | %       | <= 0.2*                  |
| Heavy metals (as Pb)   | ppm     | <= 20*                   |
| Fe                     | ppm     | <= 100*                  |
| Assay (complexometry)  | %       | 99.0 - 100.5             |

This batch has been released by authorized personnel

\* Parameters marked with \* are tested periodically

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in