

Changes to legislation: There are currently no known outstanding effects for the Commission Regulation (EU) No 231/2012, E 520 ALUMINIUM SULPHATE. (See end of Document for details)

ANNEX

E 520 ALUMINIUM SULPHATE

| | |
|------------------------------|---|
| Synonyms | Alum |
| Definition | |
| Einecs | |
| Chemical name | Aluminium sulphate |
| Chemical formula | $Al_2(SO_4)_3$ |
| Molecular weight | 342,13 |
| Assay | Content not less than 99,5 % on the ignited basis |
| Description | White powder, shining plates or crystalline fragments |
| Identification | |
| Test for aluminium | Passes test |
| Test for sulphate | Passes test |
| pH | 2,9 or above (5 % solution) |
| Solubility | Freely soluble in water, insoluble in ethanol |
| Purity | |
| Loss on ignition | Not more than 5 % (500 °C, 3 hours) |
| Alkalies and alkaline earths | Not more than 0,4 % |
| Selenium | Not more than 30 mg/kg |
| Fluoride | Not more than 30 mg/kg |
| Arsenic | Not more than 3 mg/kg |
| Lead | Not more than 5 mg/kg |
| Mercury | Not more than 1 mg/kg |

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