



Product Specification

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| Product Name: | Aluminium Sulfate 16-hydrate ACS |
| CAS No: | 16828-11-8 |
| Molecular Formula: | $Al_2(SO_4)_3 \cdot 16H_2O$ |
| Molecular Weight: | 630.39 g/mol |
| HS Code: | 2833 22 10 |
| Odour: | Odourless |
| Appearance: | White Solid powder and/or crystals |
| Density: | 1.72 g/cm ³ |
| Bulk density: | ~820 kg/m ³ |
| Melting Point: | ~90°-95° C (release of water of crystallization) |
| Storage: | Without limitations Agglomerates on prolonged storage |

| <u>Sr No</u> | <u>Test Parameter</u> | <u>Value</u> |
|--------------|---------------------------------------|----------------------------------|
| 1. | Test Solution (5g in 50ml water) | Solution is clear and colourless |
| 2. | Assay, as $Al_2(SO_4)_3 \cdot 16H_2O$ | 98.0-102.0% min. |
| 3. | Water Insoluble matter | 0.01% max. |
| 4. | Chloride, as Cl | 0.005% max. |
| 5. | Calcium, as Ca | 0.01% max. |
| 6. | Heavy Metals, as Pb | 0.001% max. |
| 7. | Iron, as Fe | 0.002% max. |
| 8. | Magnesium, as Mg | 0.002% max. |
| 9. | Potassium, as K | 0.005% max |
| 10. | Sodium, as Na | 0.02% max. |