

ANNEXURE - I

TECHNICAL PARTICULARS FOR ISI Marked Alumino Ferric (Ferric Alum)

Specification

ferric alum grade 4 as per IS299:2012 in naked solid form in 20-25kg, suitable for treatment of drinking water intended for drinking.

octadecahydrate $[Al_2(SO_4)_3 \cdot 18H_2O]$ (Alum).

Material

The material should be complying to grade 4 (Table -1) of IS299:2012. The material should be in naked solid form and Colour should be white.

Specific requirements

1. Insoluble matter (%by mass)-0.20 max
2. Soluble iron compound (as Fe) (%by mass)-0.04 max
3. Water soluble aluminium compound as (Al_2O_3) (%by Mass)-16min

Testing and Inspection

The sampling and testing of the material shall be done as per IS: 299/2012 latest amendments.

Document Submission

Following documents shall be submitted by party:

- Internal test report/Analysis report certificate.
- Technical datasheet clearly mentioning the composition of the alum. The datasheet should also clearly indicate the soluble and insoluble components and their amount in alum in terms of ppm.

DELIVERY SCHEDULE

Material shall be supplied within a week after receiving the purchase order by the party.