

March 7th, 2024**A – Addendum #1****RFP – WWTP Supply and Delivery of Aluminum Sulphate****Additional Information:**

Remove:

Attachment B – Technical Data for Chemicals

Replace with:

Attachment B – Technical Data for Aluminum Sulphate (see new datasheet)

QUESTION	ANSWER
Your tender asks for liquid alum (48%), but the specification sheet you included is for dry aluminum sulphate, which is a powder.	Please discard the technical data sheet provided with the RFQ. Attached is an updated data sheet.
Please provide your current load size for the aluminum sulphate in kg per delivery.	Our current load size for deliveries is 24,000 kg.
Can vendors visit the WWTP while the RFQ is open?	A non-mandatory site meeting will be held on Wednesday, March 13, 2024 at 10:30 am. The meeting will be held at the WWTP, 1135 Cheakamus Lake Road, Whistler, BC V0N 1B1.

End of Addendum

LIQUID ALUMINIUM SULPHATE 48%

TECHNICAL DATA SHEET

UN: 3264
CAS:10043-01-3
CHEMICAL FORMULA: $\text{Al}_2(\text{SO}_4)_3$
MOLECULAR WEIGHT: 342.15 g/mol

DESCRIPTION

Liquid Alum is a clear, light green, slight yellow, brown, amber or orange-like tinted solution. It is a cationic inorganic coagulant and flocculant suitable for industrial and municipal water and wastewater treatment applications.

PHYSICAL PROPERTIES

Crystallization point °C (starting)	-10
Boiling point °C	110 - 120
pH	2

SPECIFICATION

Description	Values
Aluminium, Al, wt%	4.0 – 4.5
Appearance	clear, colourless liquid
Al_2O_3	7.5 – 8.6
Aluminum as $\text{Al}_2(\text{SO}_4)_3 \cdot 14\text{H}_2\text{O}$ (Dry Alum), wt%	46 - 49
Specific Gravity 20/20°C	1.29 – 1.35

Liquid Alum meets or exceeds the requirements of the current AWWA Standard B403 for aluminum sulfate and is NSF/ANSI Standard 60 certified.

Before using this product, read material safety data sheet and container label.
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