

Table: Technical specification for procurement of aluminium oxide ( $Al_2O_3$ ) and ammonium iodide ( $NH_4I$ )

Sl.no	Item Name	Spec. description	CMTI Requirement	Suppliers Compliances
01	Aluminium oxide – $Al_2O_3$	Mean particle size	Fine - 0.2mm (Max)	
		Grade & Purity	LR grade, <ul style="list-style-type: none"><li>• Assay- 99.0% Min</li><li>• Water soluble matter – 0.5% Max.</li><li>• Sulphate (<math>SO_4</math>) – 0.05% Max.</li><li>• Fe -0.02% Max.</li></ul>	
		Acidity level, pH	Neutral) 6.5 – 7.5	
		Form	Granular	
		Other conditions	The powder shall be supplied from single batch/ CAS no.	
		Mean particle size	Fine - 0.2mm (Max)	
02	Ammonium Iodide – $NH_4I$	Grade & Purity	LR grade, <ul style="list-style-type: none"><li>• Assay- 99.0% Min</li><li>• Sulphate (<math>SO_4</math>) – 0.05% Max.</li><li>• Copper (Cu) -0.001% Max.</li><li>• Iron (Fe) – 0.001% Max.</li><li>• Lead (Pb) – 0.001% Max.</li></ul>	
		Acidity level, pH	Acidic - 4.5 – 6.5	
		Form	Crystalline form powder	
		Other conditions	The powder shall be supplied from single batch/CAS no.	
		Mean particle size	Fine - 0.2mm (Max)	
03	Delivery schedule		Within 4 weeks	

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