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TDS1

Date 15/10/2023

Version: TDS1\_1

Product	HS Code
Ammonium chloride	28271000

Chemical Specifications	Typical Values	Min	Max	Units	Method of Analysis
Ammonium chloride (NH <sub>4</sub> Cl)	99,3	99		%	Volumetry
Heavy metals (as Pb)			5	ppm	ICP-OES
Arsenic (As)			2	ppm	ICP-OES
Cadmium (Cd)			0,5	ppm	ICP-OES
Lead (Pb)			5	ppm	ICP-OES
Mercury (Hg)			0,1	ppm	ICP-MS
Iron (Fe)			15	ppm	ICP-OES
Sodium chloride (NaCl)			0,4	%	ICP-OES
Moisture (H <sub>2</sub> O)			0,2	%	Karl Fischer
Tricalcium phosphate (carrier)	0,5	0,3	0,7	%	ICP-OES

Physical Specifications	Values	Units
Appearance	white crystals	
Solubility in water at 20°C	372	g/l
Density	1,5274	g/cm <sup>3</sup>
Melting point (decomposes)	338	°C

General Data	Values	Transport Classification	UN Number
Chemical Formula	NH <sub>4</sub> Cl	Harmless	
Molecular Weight	53,49		
CAS no	12125-02-9		
EC no	235-186-4		