



ZINC INDUSTRIAS NACIONALES S.A.

TECHNICAL SPECIFICATIONS ZINC SULPHATE HEPTAHYDRATED

Description White crystals
Formula ZnSO₄.7H₂O
CAS No. 7446-20-0
EINECS 273-723-4



Chemical properties:			
Element	Mine Grade		Method Reference
	% Min.	% Max.	
ZnSO ₄ .7H ₂ O	98.5		Volumetry
Zinc - Zn	21.5		Volumetry
Lead - Pb		0.005	AAS
Magnesium - Mg		0.1	AAS
Cadmium - Cd		-	AAS
Iron - Fe		0.5	AAS
Copper - Cu		0.005	AAS
Aluminum - Al		0.2	AAS
Arsenic - As		0.0002	AAS
Mercury - Hg		0.0001	AAS
Manganese - Mn		0.05	AAS
Sulfur - S		10.5	LECO

Physical Properties:		
pH (5%)	4 - 6	ASTM D4972
Insoluble (%)	0.3 max	Gravimetry
Humidity (%)	5 max	Gravimetry

Applications Flotation reagent for the mining industry

Packaging Jumbo polypropylene bag with polyethylene linner 25Kg polypropylene bag with polyethylene linner.

Capacity of 1,000 Kg or 1,500Kg with lower discharge valve.

Wooden pallet (Non-returnable).

Hooded and protected with stretch film.

Storage To stock in a ventilated, cool and dry area. Away from direct light from the sun, heat and incompatible materials such as acids and bases.