

Technical Data Sheet

SILVEROXIDE (Ag₂O)

Principal uses	Chemistry	as catalyst				
	Battery industry	button cells for high quality batteries				
	Chloro Alkaline	as anodes on Teflon basis				
Physical data	Appearance					
	Form	powder				
	Colour	brown – grey				
	Odour	odourless				
	Safety data					
	pH	not determined				
	Melting point/range	not determined				
	Boiling point/range	not determined				
	Flash point	not applicable				
	Flammability	not determined				
	Ignition temperature	not determined				
	Autoinflammability	not determined				
	Explosiveness	no data available				
	Vapour pressure	not determined				
	Density	ca.7,2 g/cm ³				
	Bulk density	1000 – 3000 kg/m ³				
	Water solubility	insoluble				
Partition coefficient (n-octanol/water)	not determined					
Viscosity, dynamic	not applicable					
Grade & Typical Analysis	Specified Contents:					
	No.	Elements/Properties	Limits			Meth.
	1	Ag Silver	>= 92,7	<= 93,1	%	A
	2	Cu Copper		<= 50	µg/g	B
	3	CO ₃ -- Carbonate		<= 0,2	%	C
	4	NO ₃ -- Nitrate		<= 50	µg/g	D
	5	SO ₄ -- Sulfate		<= 50	µg/g	B
6	H ₂ O -- Water		<= 0,05	%	E	
	Methods:					
A	Potentiometric titration				Remarks:	
B	ICP-OES				All positions	
C	C – Analyzer				based on	
D	Photometric analysis				product.	
E	Thermogravimetric					
Shapes	6 kg	270 x 230 x 70 mm				
Packing	tbc					