

Product Name: Zinc Bromide 77% w / w Nuclear Optical Grade

Specially formulated high purity and optically transparent solution to meet nuclear industry standards for use in nuclear hot cell radiation shielding applications.

Product Code: 5931
Specification Ref: 5931DS05
CAS: 7699-45-8
EC: 231-718-4
Formula: ZnBr₂
Physical: Clear colourless solution

Chemical:	Typical (wt%)	Guaranteed (wt%)
Zinc Bromide	77	76 - 78
Alkalinity		0.04N max
Acidity		0.04N max
Iron (Fe)		0.0003 max
Light Transmission wavelength	% Transmission	
400 nm	92.0 min	
450 nm	96.0 min	
500 nm	98.0 min	
550 nm	98.5 min	
600 nm	99.0 min	
650 nm	99.5 min	
700 nm	100.0 min	
Density @ 20°C g/ml	2.45 – 2.55	

Packaging: 63 kg / 125 kg / 250 kg UN approved poly lined steel drums.
Hazards: Corrosive. Please ask for our safety data sheet for this product.

Handling and Storage: Store drums in a dry covered location. Ensure drums are kept tightly closed when not in use. Avoid contact with skin and eyes. Wear appropriate protective equipment.