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REVIEW

Analysis of Metal-based Contrast Agents in Medicine and the Environment

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Abbreviations

AMS	accelerator mass spectrometry	GBCA	gadolinium-based contrast agents
BBB	blood brain barrier	GM	Geiger-Müller counter
EBI	elemental bio-imaging	HILIC	Hydrophilic Interaction Liquid
EDS	energy dispersive X-ray spectroscopy		Chromatography
ESI	electrospray ionisation	HYNIC	hydrazinonicotinamide
ETV	electrothermal vaporization	IBDA	isobaric dilution analysis
EXAFS	Sextended X-ray absorption fine	ICP-M	Sinductively coupled plasma-mass
	structure		spectrometry
FDA	Food and Drug Administration	QQQ	triple quadrupole
FI	flow injection	SF	sector field

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