

Animal Blood

Art. ID	IAEA-A-13
Unit	25 g
Deliverydetails	No Dangerous Good /not restricted

Description

Fresh bovine blood was obtained from a slaughter house and was freeze dried at the IAEA Laboratories Seibersdorf. A batch of 40 kg of the dried material, designated IAEA-A-13, was prepared. The fraction that passed through a 300 µm nylon sieve was further homogenized and dispensed into plastic bottles. This material was gamma-sterilized to ensure long-term stability of the material by inhibiting microbial action.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Recommended value	Bromine (Br)	[7726-95-6]	22	mg/kg		
Recommended value	Calcium (Ca)	[7440-70-2]	286	mg/kg		
Recommended value	Copper (Cu)	[7440-50-8]	4,3	mg/kg		
Recommended value	Iron (Fe)	[7439-89-6]	2400	mg/kg		
Recommended value	Potassium (K)	[7440-09-7]	2500	mg/kg		
Information value	Magnesium (Mg)	[7439-95-4]	99	mg/kg		
Recommended value	Sodium (Na)	[7440-23-5]	12600	mg/kg		
Information value	Nickel (Ni)	[7440-02-0]	1	mg/kg		
Information value	Phosphorus (P)	[7723-14-0]	940	mg/kg		
Information value	Lead (Pb)	[7439-92-1]	0,18	mg/kg		
Recommended value	Rubidium (Rb)	[7440-17-7]	2,3	mg/kg		
Recommended value	Sulfur (S)	[7704-34-9]	6500	mg/kg		
Recommended value	Selenium (Se)	[7782-49-2]	0,24	mg/kg		
Recommended value	Zinc (Zn)	[7440-66-6]	13	mg/kg		