

## **Red Mud Powder 100 g (CANADA)**

Art. ID	ALCAN-RM-09
Unit	100 g (powder)
Deliverydetails	No Dangerous Good /not restricted

### Description

#### Assigned values

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
LECO or TGA	Loss of Mass, 110-1000° C as H <sub>2</sub> O and C		10,0 ± 0,2	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Aluminum as Al <sub>2</sub> O <sub>3</sub>		21,5 ± 0,6	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Iron as Fe <sub>2</sub> O <sub>3</sub>		34,1 ± 0,7	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Silicon as SiO <sub>2</sub>		12,6 ± 0,3	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Titanium as TiO <sub>2</sub>		7,9 ± 0,2	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Chromium as Cr <sub>2</sub> O <sub>3</sub>		0,14 ± 0,01	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Calcium as CaO		4,3 ± 0,1	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Phosphorus as P <sub>2</sub> O <sub>5</sub>		0,19 ± 0,01	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Zirconium as ZrO <sub>2</sub>		0,28 ± 0,02	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Zinc as ZnO		0,004 ± 0,001	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Manganese as MnO		0,021 ± 0,005	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Vanadium as V <sub>2</sub> O <sub>5</sub>		0,21 ± 0,03	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Potassium as K <sub>2</sub> O		0,02 ± 0,01	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Magnesium as MgO		0,08 ± 0,01	%		
Alcan SM 1359-99, XRF,	Sodium as Na <sub>2</sub> O		7,0 ± 0,2	%		

glass beads/ICP

DSC Alcan SM 1029-00	g-Al <sub>2</sub> O <sub>3</sub> as Al <sub>2</sub> O <sub>3</sub>	1,2 ± 0,1	%
Alcan SM 1177-04 , high temperature digestion1	Total Extratable Alumin a as Al <sub>2</sub> O <sub>3</sub>	8,2 ± 0,1	%
Wet Oxidation	Total Organic Carbon as C	0,23 ± 0,02	%