

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

Art. ID	ALCAN-RM-10
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 2O and C		9,6 ± 0,1	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Aluminum as Al <sub>2</sub> O <sub>3</sub>		20,1 ± 0,2	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Iron as Fe <sub>2</sub> O <sub>3</sub>		44,2 ± 0,5	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Silicon as SiO <sub>2</sub>		10,3 ± 0,1	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Titanium as TiO <sub>2</sub>		6,99 ± 0,05	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Chromium as Cr <sub>2</sub> O <sub>3</sub>		0,181 ± 0,003	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Calcium as CaO		1,15 ± 0,02	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Phosphorus as P <sub>2</sub> O <sub>5</sub>		0,198 ± 0,005	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Zirconium as ZrO <sub>2</sub>		0,213 ± 0,006	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Zinc as ZnO		0,007 ± 0,002	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Manganese as MnO		0,019 ± 0,004	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Vanadium as V <sub>2</sub> O <sub>5</sub>		0,210 ± 0,004	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Potassium as K <sub>2</sub> O		0,032 ± 0,004	%		
Alcan SM 1359-99, XRF, glass beads/ICP	Magnesium as MgO		0,049 ± 0,008	%		
Alcan SM 1359-99, XRF,	Sodium as Na <sub>2</sub> O		6,1 ± 0,1	%		

glass beads/ICP

	Sulfur as % SO <sub>3</sub>	0,44 ± 0,02	%
DSC Alcan SM 1029-00	g-Al <sub>2</sub> O <sub>3</sub> as Al <sub>2</sub> O <sub>3</sub>	1,4 ± 0,2	%
Alcan SM 1177-04 , high temperature digestion1	Total Extratable Alumin a as Al <sub>2</sub> O <sub>3</sub>	9,8 ± 0,1	%
Wet Oxidation	Total Organic Carbon as C	0,23 ± 0,03	%