

Borregaard AS P.O BOX 162 NO-1701 Sarpsborg, Norway	Tel. +47 69 11 80 00 Fax. +47 69 11 87 90	Vanisperse A Powder Spec. No.: BRGQMS-7-569 ver 3.0 Revision Date: 13.06.2017 Page 1 of 1
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Vanisperse A

Product Description

Vanisperse A is a highly modified sodium lignosulfonate derived from spruce (softwood). Vanisperse A is a dark brown, water-soluble powder.

Typical application: Organic expander constituent in lead acid batteries.

CAS No. 8061-51-6 (Sodium lignosulfonate).

Sales Specifications

		Test Method
Dry matter %	<i>Ksolid</i> Min. 93.0	BRGQMS-7-921
pH (10% Solution)	7.5 ± 0.5	BRGQMS-7-919
Insolubles (w/w) %	Max. 0.07	BRGQMS-7-918
Ash %	Max. 23.0	BRGQMS-7-917
Calcium ppm	Max. 3000	
Chromium ppm	Max. 5	
Copper ppm	Max. 340	
Iron ppm	Max. 30	
Magnesium ppm	Max. 1800	
Manganese ppm	Max. 10	
Nickel ppm	Max. 10	

Only active customers are notified of specification changes.

Typical Analytical Values*

Chemical Data

Parameter	Unit
Platinum	< 1 ppm
Cobalt	< 0.1 ppm
Vanadium	< 0.4 ppm

Physical Data

Parameter	
Colour	Dark brown

*The above analyses are not formal specifications, and values may change. All values calculated on solids where applicable.

Storage Stability

Vanisperse A is stable for at least 4 years when stored in original packaging under dry conditions.

Compatibility

Compatible with most organic and inorganic materials.

Delivery form

Powder is packaged in 25 kg bags or 500 kg non-returnable bulk bags.

Lead Time: Two weeks lead time is typical.

Safety Data Sheets are available upon request.

Please contact your LignoTech Sales Representative for additional product information.

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