

# PRODUCT SPECIFICATION

## Ground Colemanite

[-45 Micron]

$2CaO \cdot 3B_2O_3 \cdot 5H_2O$

Di-Calcium Hexaborate Pentahydrate

CAS No: 1318-33-8

### Chemical Specification

Component	Content
$B_2O_3$	40.00 ±0.50 %
CaO	27.00 ±1.00 %
$SiO_2$	4.00-6.50%
$SO_4$	0.60% max.
As	35 ppm max.
$Fe_2O_3$	0.08% max.
$Al_2O_3$	0.40% max.
MgO	3.00% max.
SrO	1.50% max.
$Na_2O$	0.50% max.
L.O.I.	25.00% max.
Moisture	1.00% max.
Bulk Density	1.00 ton/m <sup>3</sup> max

### Particle Size Specification

Size	Content
+150 µm	0.25% max.
-45 µm	75.00% min.

Rev. : 2017/00

EYS TBL ETİ 01/24.08.2015/00

# PRODUCT SPECIFICATION

## Ground Colemanite

[-75 Micron]

$2CaO \cdot 3B_2O_3 \cdot 5H_2O$

Di-Calcium Hexaborate Pentahydrate

CAS No: 1318-33-8

### Chemical Specification

Component	Content
B <sub>2</sub> O <sub>3</sub>	40.00 ±0.50 %
CaO	27.00 ±1.00 %
SiO <sub>2</sub>	4.00-6.50%
SO <sub>4</sub>	0.60% max.
As	35 ppm max.
Fe <sub>2</sub> O <sub>3</sub>	0.08% max.
Al <sub>2</sub> O <sub>3</sub>	0.40% max.
MgO	3.00% max.
SrO	1.50% max.
Na <sub>2</sub> O	0.50% max.
L.O.I.	25.00% max.
Moisture	1.00% max.
Bulk Density	1.00 ton/m <sup>3</sup> max

### Particle Size Specification

Size	Content
+150 µm	0.50% max.
-75 µm	82.00% min.

Rev. : 2017/00

EYS TBL ETİ 01/24.08.2015/00

# PRODUCT SPECIFICATION

## Ground Ulexite

[-45 Micron]

$\text{Na}_2\text{O} \cdot 0.2\text{CaO} \cdot 0.5\text{B}_2\text{O}_3 \cdot 16\text{H}_2\text{O}$

Sodium-Calcium Pentaborate Octahydrate

CAS No: 1319-33-1

### Chemical Specification

Component	Content
$\text{B}_2\text{O}_3$	37.00±1.00%
CaO	19.00% max
$\text{SiO}_2$	4.00% max.
$\text{SO}_4$	0.25% max.
As	40 ppm max.
$\text{Fe}_2\text{O}_3$	0.04% max.
$\text{Al}_2\text{O}_3$	0.25% max.
MgO	2.50% max.
SrO	1.00% max.
$\text{Na}_2\text{O}$	3.50% min.
Moisture	1.00% max.
Bulk Density	1.00 ton/m <sup>3</sup> max.

### Particle Size Specification

Size	Content
+150 µm	0.25% max.
-45 µm	75.00% min.

Rev. : 2017/00

EYS TBL ETİ 01/24.08.2015/00

# PRODUCT SPECIFICATION

## Ground Ulexite

[-75 Micron]

$\text{Na}_2\text{O} \cdot 0.2\text{CaO} \cdot 0.5\text{B}_2\text{O}_3 \cdot 16\text{H}_2\text{O}$

Sodium-Calcium Pentaborate Octahydrate

CAS No: 1319-33-1

### Chemical Specification

Component	Content
$\text{B}_2\text{O}_3$	37.00± 1.00%
CaO	19.00% max
$\text{SiO}_2$	4.00% max.
$\text{SO}_4$	0.25% max.
As	40 ppm max.
$\text{Fe}_2\text{O}_3$	0.04% max.
$\text{Al}_2\text{O}_3$	0.25% max.
MgO	2.50% max.
SrO	1.00% max.
$\text{Na}_2\text{O}$	3.50% min.
Moisture	1.00% max.
Bulk Density	1.00 ton/m <sup>3</sup> max.

### Particle Size Specification

Size	Content
+150 µm	0.50% max.
-75 µm	82.00% min.

Rev. : 2017/00

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