



Loyal Frechem Group Co.,Ltd

Add: Haigang Road, Binhai Economic & Development Zone, Weifang, China

Tel: +86-13854402808 Email: frechems@gmail.com Skype: jimmm66

Products/Services Details:

1. LFG001 Citric Acid Monohydrate

Properties	Unit	Standard
Description	-	= Colourless Or White Crystal
Identification & Solubility	-	= Pass Test
Clarity & Color of Solution	-	= Pass Test
Content	%	= 99.5-101.0
Moisture	%	= 7.5-9.0
Iron	PPM	≤ 50
Heavy Metals	PPM	≤ 10
Chloride	PPM	≤ 50
Oxalate	PPM	≤ 350
Sulphated Ash	%	≤ 0.05
sulfate	PPM	≤ 150
Readily Carbonisable substances	-	= Pass Test
Arsenic	PPM	≤ 1
Aluminum	PPM	≤ 0.2
Bacteria Endotoxin	IU/MG	≤ 0.5
Barium	-	= Pass Test
Calcium	-	= Pass Test
According To	BP	

2. LFG002 Sodium Metasilicate Pentahydrate

Sodium Oxide: 29.11%



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Silica: 28.99%
Water insoluble: 0.2% max.
Fe: 200 ppm max.
whiteness: 85% min.
Bulk Density: 0.95g/ cc
PH of 1.0% solution: 12-13
Melting point: 72.2
Particular size: 16-30 Mesh

3. LFG003 Sodium Nitrite

Sodium Nitrite (as dry base) 99% min.
Chloridum (NaCl) 0.10% max.
Sodium Nitrate (as dry base) 0.80% max.
Moisture 1.40 % max.
Water insoluble matter 0.05% max.
Appearance White or slightly yellowish crystals

4. LFG004 Caustic Soda Flake 99% min

Purity: 99.0% min
Sodium Carbonate: 0.8% max
Sodium Chloride: 0.1% max
Iron Content: 0.001% max

5. LFG005 Caustic soda Pearl 99% min

Purity: 99.0% min
Sodium Carbonate: 0.8% max
Sodium Chloride: 0.1% max
Iron Content: 0.001% max

6. LFG006 Aluminium Sulphate in water treatment



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Item	Result	
	Solid	
	Class I	Class II
AL ₂ O ₃ % ≥	15.6	15.6
Fe % ≤	0.5	0.7
Insoluted in Wate % ≤	0.2	0.2
PH ≥	3.0	3.0
AS % ≤	0.0005	0.0005
Heavy Metal (Pb) % ≤	0.002	0.002

7. LFG007 Aluminium Sulphate in paper making industry

Item	Result		
	Super Class Grade	Class I	Class II
AL ₂ O ₃ % ≥	17.0	15.80	15.60
Fe % ≤	0.20	0.40	0.50
Insoluted in Wate % ≤	0.10	0.20	0.20
PH ≥	3.0	3.0	3.0

8. LFG008 Calcium Bromide Liquid

Appearance: Colorless liquid

Assay, % 52.0 MIN

Chlorides, % 0.1 MAX

Sulphates, % 0.05 MAX

Insolubles, % 0.3 MAX

Moisture, % ----

PH Value 4.5-7.5



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9. LFG009 Calcium Bromide Solid

Appearance: White Crystalline Powder

Calcium Bromide Dihydrate as $\text{CaBr}_2 \cdot 2\text{H}_2\text{O}$: 96% min.

Chloride: 0.5% max.

Water Insoluble: 0.3% max.

Iron: 0.005% max.

Heavy Metal (Pb): 0.002% max.

pH (5% solution): 6.5-8.5

10. LFG010 Sodium Bromide

Appearance White Crystals

Assay,% 99.0MIN

Chlorides,% 0.2 MAX

Sulphates, PPM 200 MAX

Loss on Drying,% 0.5 MAX

PH Value Qualified

11. LFG011 Sodium Bromate

Appearance: White Crystalline

Content (calculated with NaBrO_3): 99.7% min.

Water: 0.1% max.

Bromide: 0.05% max.

Chloride & Chlorate: 0.05% max.

Sulphate: 0.03% max.

Fe: 0.0005% max.

Heavy Metal (Pb): 0.0005% max

As: 0.0002% max.

pH (5% solution): 6.5+/-1

Light Absorbency (20% solution): 0.12% max.

12. LFG012 Dicalcium Phosphate

$\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$: 98% - 105.0%

P: 18.0% min

Ca: 21.0% min

F: 0.18% max

Pb: 30 ppm max



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As: 30 ppm max

13. LFG013 Calcium Chloride Flake 74% min

Calcium Chloride as CaCl₂: 74% min
Total Alkali Chloride (as NaCl): 3% max.
Total Magnesium (as MgCl₂): 0.5% max.
Alkalinity as Ca(OH)₂: 0.35% max.
Water Insoluble: 0.2% max.
Iron: 0.005% max.
Heavy Metal (Pb): 0.002% max.
PH : 8-11

14. LFG014 Calcium Chloride Flake 77% min

Calcium Chloride as CaCl₂: 77% min.
Total Alkali Chloride (as NaCl): 3% max.
Total Magnesium (as MgCl₂): 0.5% max.
Alkalinity as Ca(OH)₂: 0.35% max.
Water Insoluble: 0.2% max.
Iron: 0.005% max.
Heavy Metal (Pb): 0.002% max.
PH : 8-11

15. LFG015 Calcium Chloride Powder 94% min

Calcium Chloride as CaCl₂: 94% min.
Total Alkali Chloride (as NaCl): 2% max.
Total Magnesium (as MgCl₂): 0.5% max.
Alkalinity as Ca(OH)₂: 0.35% max.
Water Insoluble: 0.2% max.
Iron: 0.005% max.
Heavy Metal (Pb): 0.002% max.
PH : 8-11

16. LFG016 Calcium Chloride Pellet 94% min



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Calcium Chloride as CaCl₂: 94% min.

Total Alkali Chloride (as NaCl): 2% max.

Total Magnesium (as MgCl₂): 0.5% max.

Alkalinity as Ca(OH)₂: 0.35% max.

Water Insoluble: 0.2% max.

Iron: 0.005% max.

Heavy Metal (Pb): 0.002% max.

PH : 8-11

17. LFG017 Magnesium Chloride Yellow Flake

Magnesium chloride hexahydrate : 96% min

Magnesium chloride: 44% min

SO₄²⁺: 2.8% max

K⁺,Na⁺: 0.9% max

18. LFG018 Magnesium Chloride White Flake

Magnesium chloride hexahydrate: 98% min

Magnesium chloride: 46% min

Ca²⁺: 0.15% max

SO₄²⁺: 1.0% max

K⁺,Na⁺: 0.5% max

Insoluble in Water:0.10% max