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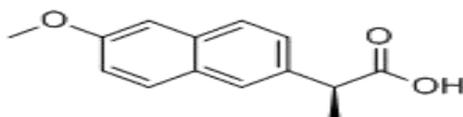
## Technical Data Sheet

### Naproxen

#### Product Information

Chemical Name Naproxen

Chemical Structure



CAS # 22204-53-1

EINECS 244-838-7

Molecular Weight 230.26

Synonyms (S)-6-Methoxy-alpha-methyl-2-naphthaleneacetic acid;  
L-(-)-6-methoxy-alpha-methyl-2-Naphthaleneacetic acid.

#### Description

DMC is White or almost white crystalline powder.

#### Physical Properties

Physical state and appearance: Power.

Taste: Not available.

Molecular Weight: 230.26 g/mole

Color: White or almost white

pH (1% soln/water): Not available

Melting Point: 154°C~158°C

Infrared absorption: Positive

Specific optical rotation: +59 °C~ +62°C

Assay: 99.1%~101.0%

### Specification

Heavy Metals	≤20ppm	
Loss on drying	≤0.5%	
Sulphated ash	≤0.1%	
Assay(titration,on dried substance )	99.1%~101.0%	
Related Substances(HPLC)	<i>Impurity O</i>	≤0.15%
	<i>Any other impurity</i>	≤0.10%
	<i>Total impurity</i>	≤0.3%
Residual Solvent(GC)	<i>Methanol</i>	≤50ppm
	<i>Toluene</i>	≤45ppm

### Applications

- 1) Naproxen is commonly used to reduce pain, fever, inflammation, and stiffness caused by conditions such as migraine, osteoarthritis, kidney stones, rheumatoid arthritis, psoriatic arthritis, gout, ankylosing spondylitis, menstrual cramps, tendinitis, and bursitis.
- 2) Naproxen can also used to treat primary dysmenorrhea.

### Packaging

25kgs/fiber drum

### Storage & Handling

1)Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material.

Do not ingest. Do not breathe dust. Wear suitable protective clothing.

If ingested, seek medical advice immediately and show the container or the label.

Keep away from incompatibles such as oxidizing agents.

2)Storage:

Stored in cool, dry and ventilation place

Away from fire and heat.

Handle with care

No breakage and leakage