

## Caffeine anhydrous, Hi-AR™

**GRM6753**


### Product Identifier

CAS No.	:	58-08-2
EC No.	:	200-362-1
Molecular Formula	:	C <sub>8</sub> H <sub>10</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight	:	194.19
HS Code	:	2939 30 00
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Colourless or white to light yellow crystals or powder
Solubility	:	10 mg soluble in 1 mL of water
FTIR	:	Matches with the standard pattern
Melting range	:	233 - 239°C
Sulphated ash	:	<= 0.10%
Loss on drying (at 110°C, 2 hr)	:	<= 0.50%
Assay (HPLC/NT, on dry basis)	:	99.00 - 102.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H302
Precautionary Statement(s)	:	P264- P270- P301+P312-P330- P501
UN No.	:	1544
Class	:	6.1
Packing Group	:	III
RTECS	:	EV6475000
WGK	:	1