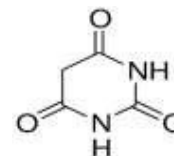


BARBITURIC ACID AR

PRODUCT CODE	R05093
SYNONYMS	2, 4, 6-Trihydroxypyrimidine, Malonylurea.
C.I. NO.	--
CASR NO.	67-52-7
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₄ N ₂ O ₃
ATOMIC OR MOLECULAR WEIGHT	128.09
PROPERTIES	Efflorescent, odourless. Slightly soluble in water and alcohol, soluble in ether.



PARAMETER	LIMIT
Description	White to cream crystals or powder.
Solubility	2% solution in hot water is almost clear to clear.
Minimum assay (Acidimetric)	99.5%
Melting range	248-252 ⁰ C

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (105 ⁰ C)	0.1%
Sulphated ash	0.1%
Chloride (Cl)	0.004%
Iron (Fe)	0.001%
Heavy metals (as Pb)	0.005%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention:

Response:

Disposal: : --

IMDG Code :--

UN No. :--

IATA :--

Hazard Pictogram(s) :



GHS05

GHS07

Replace Date 1 April 2023