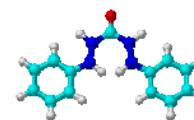


D0725NN	Platinum Line
Typical analysis	
Acetone - insoluble matter	0.01%
Cadmium sensitivity	0.1 µg/ml
Chromate sensitivity	0.025 µg/ml
Ethanol insoluble matter	conforms
Loss on drying	0.1%
Residue on ignition	0.05%



Packaging
25g black plastic jar

Physical properties, composition and data

Chemical formula	$(C_6H_5.NH.NH)_2CO$ or $C_{13}H_{14}N_4O$
Synonym	2,2'-Diphenylcarbonic dihydrazide; sym-Diphenylcarbazine
Atomic weight	242.28
Appearance	White crystalline powder or flakes. Gradually becomes pink
Solubility	Soluble in hot ethanol, acetone and glacial acetic acid. Slightly soluble in water
Melting point	170 - 172°C
Boiling point	Decomposes
Density (g/ml)	420

Laboratory preparation, applications and practices

Laboratory preparation	Phenylhydrazine and urea
Usage	As an indicator in titrating iron. Colorimetric determination of chromium. Detection of cadmium, mercury, magnesium, aldehydes and emetine

Storage and handling information

Storage / handling	Keep separated from light
Disposal	16

Transport regulations

Tariff code	2928.00.00
ECB number	205-403-7

