



Product Specification

cdhfinechemical.com

LUMINOL FOR CHEMILUMINESCENCE

PRODUCT CODE	138485	
SYNONYMS	3-Aminophthalhydrazide, 5-Amino-2,3-dihydro-1,4-phthalazinedione,3-Aminophthydrazine	
C.I. NO.	--	
CASR NO.	(521-31-3)	
ATOMIC OR MOLECULAR FORMULA	C₈H₇N₃O₂	
AVERAGE OR MOLECULAR WEIGHT	177.16	
PROPERTIES	--	

PARAMETER	LIMIT
Description	White to yellow to beige to brown powder/chunks
Solubility	2% solution in 1 N NaOH is clear colouration develops from colourless to yellowish to gray to light blue.
Minimum assay (HPLC)	97.0%
Melting range	318-321 °C

MAXIMUM LIMIT OF IMPURITIES	
Moisture content	0.5 %
Sulphated ash	2.0 %

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

WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ----- Disposal: -----	IMDG Code : -- UN No. : -- IATA : --
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Hazard Pictogram(s) :-----

Replace Date 20-July-2024