

Certificate of Analysis  
**Carbohydrazide (CHD)**

**REFERENCE:**

**PRODUCTION DATE:**

**SYNONYMS:** 1,3-diaminourea

**SHELF LIFE:**

PROPERTY	UNIT	STANDARD	RESULT
Appearance		White crystalline powder	White crystalline powder
Assay	%	98.0 – 100.9	99.01
pH (12% solution) (20°C)		7.2 – 9.7	8.22
Colour	APHA	20 Max.	6
Melting Point	°C	154 Min.	155
Turbidity	NTU	10 Max.	0.53
Free Hydrazine	ppm	250 Max.	240
Chloride	ppm	10 Max.	<10
Sulfate	ppm	20 Max.	<20
Silica	ppm	10 Max.	<10
Copper	ppm	1 Max.	<1
Sodium	ppm	3 Max.	<3
Water	%	0.5 Max.	0.18
<b>Conclusion:</b>	<i>Qualified</i>		