

Product Specification

Name : Urea

Another
name :

Grade : First Grade

Volume : 500g

Specification number : Na-031

Issue number : CAK21

Code number : 21000105

HAYASHI PURE CHEMICAL IND.,LTD.

3-2-12 UCHIHIRANOMACHI,CHUO-KU, OSAKA 540-0037, JAPAN

No.	Item	(unit)	Specification	Test Procedure
1	Appearance (Form)	-	Crystals or crystalline powder	Applicable to JIS K8731-2020
2	Appearance (Hue)	-	White	
3	Assay (NH ₂ CONH ₂)	%	min. 98.0	
4	Solubility in water	-	Within almost clear	
5	Solubility in ethanol	-	Within almost clear	
6	Melting point	°C	132 ~ 136	
7	Chloride (Cl)	%	max. 0.003	
8	Sulfate (SO ₄)	%	max. 0.005	
9	Iron (Fe)	%	max. 0.002	
10	Lead (Pb)	%	max. 0.002	
11	Ammonium (NH ₄)	%	max. 0.1	
12	Substances reducing Fehling's solution	-	No difference compared with blank test solution	
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