

自然資源實驗室-高雄

測試報告

報告編號: RKP26900184

報告日期: 2026/10/02

頁數: 1 of 4

諾瓦材料科技股份有限公司

桃園市觀音區崙坪里忠愛路二段198之238號

送樣廠商 : 諾瓦材料科技股份有限公司
樣品名稱 : AUS 40 (40% 尿素水溶液)
樣品批號 : AF-260908-0304

以上測試樣品係由申請廠商所提供及確認

收件日 : 2026/09/16
測試期間 : 2026/09/16 to 2026/10/02

測試結果 : 請見下一頁。

鍾家旻



報告簽署人 / 鍾家旻 副理
自然資源實驗室-高雄

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測試部位敘述

No. 1 : AUS 40 (40% 尿素水溶液)

測試結果

測試項目	測試方法	單位	MDL	結果
				No. 1
尿素含量	參考ISO 18611-2: 2014方法	%(m/m)	-	40.74
密度, 20°C	參考ISO 18611-2: 2014方法	g/cm ³	-	1.1128
折射率, 20°C	參考ISO 18611-2: 2014方法	-	-	1.3956
鹼度(以NH ₃ 計)	參考ISO 18611-2: 2014方法	%(w/w)	0.01	<0.01
縮二脲	參考ISO 18611-2: 2014方法	%(w/w)	-	0.30
醛類	參考ISO 18611-2: 2014方法	mg/kg	-	<0.5
不溶物	參考ISO 18611-2: 2014方法	mg/kg	-	<10
磷酸鹽	參考ISO 18611-2: 2014方法	mg/kg	-	<0.05
鈣	參考ISO 18611-2: 2014方法	mg/kg	0.05	0.295
鐵	參考ISO 18611-2: 2014方法	mg/kg	0.05	n. d.
銅	參考ISO 18611-2: 2014方法	mg/kg	0.05	n. d.
鋅	參考ISO 18611-2: 2014方法	mg/kg	0.05	n. d.
鉻	參考ISO 18611-2: 2014方法	mg/kg	0.05	n. d.
鎳	參考ISO 18611-2: 2014方法	mg/kg	0.05	n. d.
鋁	參考ISO 18611-2: 2014方法	mg/kg	0.05	n. d.
鎂	參考ISO 18611-2: 2014方法	mg/kg	0.05	0.0693
鈉	參考ISO 18611-2: 2014方法	mg/kg	0.05	0.187
鉀	參考ISO 18611-2: 2014方法	mg/kg	0.05	0.141

備註:

1. 此報告結果僅對測試之樣品負責
2. 執行實驗室活動場所: 高雄市前鎮區中四路6號7樓
3. MDL = Method Detection Limit / 方法偵測極限值
4. "-" = Not Regulated / 無規格值

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5. mg/kg = ppm ; mg/L = ppm ; 1 %(w/w) = 10000ppm ; 1 %(v/v) = 10000ppm

6. n.d. = Not Detected / 未檢出

7. 客戶提供規格, 尿素含量 (Urea Content): 39.0~41.0 %(m/m);

密度(Density): 於 20°C 時, 1,105.0~1,177.0 (kg/m³);

折射率 (Refractive Index): 於 20°C 時, 1.3947~1.3982; 鹼度(以 NH₃計): ≤ 0.5 %(m/m);

雙縮脲(Biuret): ≤ 0.8 %(m/m); 醛類(Aldehydes): ≤ 10 (mg/kg);

不溶物(Insoluble matter): ≤ 50 (mg/kg); 磷酸鹽(Phosphate, PO₄): ≤ 1.0 (mg/kg);

金屬元素含量: 銅(Cu) ≤ 0.5 mg/kg; 鋅(Zn) ≤ 0.5 mg/kg; 鉻(Cr) ≤ 0.5 mg/kg; 鎳(Ni) ≤ 0.5 mg/kg; 鐵(Fe) ≤ 1.0 mg/kg; 鋁(Al) ≤ 1.0 mg/kg; 鈣(Ca) ≤ 1.0 mg/kg; 鎂(Mg) ≤ 1.0 mg/kg;

鈉(Na) ≤ 1.0 mg/kg; 鉀(K) ≤ 1.0 mg/kg

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* 照片中如有箭頭標示, 則表示為實際檢測之樣品/部位。 *

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**** 報告結尾 ****

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