



**KRDC**  
Kerone Research &  
Development Center



**KERONE**  
Kerone Engineering Solutions Limited



**48<sup>+</sup> Year**  
*Of experience*

# Batch Drum IR Heat Treatment for Drying of Chemical Powder



In Association with SVCH-Technologii, Moscow (Russia)  
ISO 9001:2015 | ISO 14001:2015 | EMS 14001 | OHSAS 18001:2007

<b>Customer :</b>	<b>M/s. S.K Minerals and Additives</b>
<b>Process :</b>	<b>Batch Drum IR Heat Treatment for Drying of chemical powder.</b>

**Test Report No: 251/KRDC/LAB/17 Mum 29/12/2024**

Date Sample reception: 22/10/2024  
ID : 182/LAB/24

**Sample Description:**

Sampling : As Requested  
Sample Condition : Acceptable  
Sampling date : 22/10/2024  
Product : Chemical powder  
Requirement : Extraction of Ammonia from given chemical powder.  
End Date test : 22/10/2024

**Laboratory Experimental System -**



**Format: F/R&D/01**

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**Address**

**Kerone Research & Development Center (KRDC)  
Plot No K2, Industrial Gala F4A, D- Wing,  
MGN Properties, Opposite Godrej Co., Addl MIDC  
Anand Nagar, Ambarnath (E) - 421506 (India)  
+91-2512620543/44**

*Images of samples:*



*Analytical Results:*

Trial No.	Initial Wt.	Agitator Motor speed	Exhaust vacuum Blower condition	Air heater Temp.	IR heater temp on drum	Cycle time	Final Product wt.	Observation
1	25 kg	25 Hz	On	100 c	350c	180 min	-	Liquid
2		25 Hz	On	100 c	300 c	120 min	12kg	Solid and some granules

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