



ECO ORGANICS

An ISO 9001 : 2008 Certified Company

- Flavours
- Fragrances
- Ingredients

CERTIFICATE OF ANALYSIS

(R,R)-COBALT SALEN (R-SALEN-CO)

PRODUCT NAME	(R,R)-COBALT SALEN (R-SALEN-CO)	CAS NO.	176763-62-5
MDL NO.	MFCD01631277	MOLECULAR FORMULA	C ₃₆ H ₅₂ CoN ₂ O ₂
MOLECULAR WEIGHT	603.76 g/mol	STATUS	Synthetic
CHIRALITY	(R,R)-Configuration, Optically Active (-)	LOT NO.	_____
MFG. DATE	_____	RETEST DATE	_____
LOT QTY. / PACKAGING	_____	HSN CODE	_____ (please verify)

Parameter	Specification	Result
Appearance	Red-Brown to Dark Red Crystalline Powder	Conforms
Identification (IR / NMR)	Conforms to Structure	Conforms
Purity (C.H.N. Analysis)	Min. 97.0%	99%
Optical Rotation	(-) – Confirms (R,R)-Configuration	-1245°
Melting / Decomposition Point	Greater than 350°C (literature)	375°C
Moisture / Loss on Drying	Max. 1.0%	0.5%
Solubility	Practically Insoluble in Water; Soluble in Dichloromethane, Toluene, THF	Conforms

Storage: Store in a tightly sealed container, in a cool, dry place, protected from moisture and prolonged air exposure. Storage under an inert atmosphere (e.g., nitrogen or argon) is recommended to preserve catalytic activity.

Disclaimer: This product complies with the specifications based on the tests conducted, as mentioned in the table above.

Date: 01 September, 2026

Authorized Signatory

For Eco Organics

Partner

(Company Seal)